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UNIVERSITY OF ALBERTA

# folio

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## U of A shines at ASTech Awards

By Geoff McMaster

A "bioinformatics" company that designs computer software to sift through the huge amounts of information gathered in the human genome project is one of four U of A recipients of the Alberta Science and Technology Foundation (ASTech) Awards.

Along with environmental scientist Dr. David Schindler, computer and electrical engineering expert Dr. Wayne Grover and crop specialist Dr. Gary Stringam, Biotoools Inc. was recognized for innovation and leadership in Alberta's science and technology community. The company received the NRC/ASTech Innovation in Industrial Research Prize (Northern Alberta) at a black tie event in Calgary last week.

The company is a spin-off of a U of A laboratory collaboration in biotechnology and information technology which included biochemist Dr. Brian Sykes, Dr. David Wishart

in pharmacy and computing science professors Drs. Jonathan

Schaeffer and Duane Szafron.

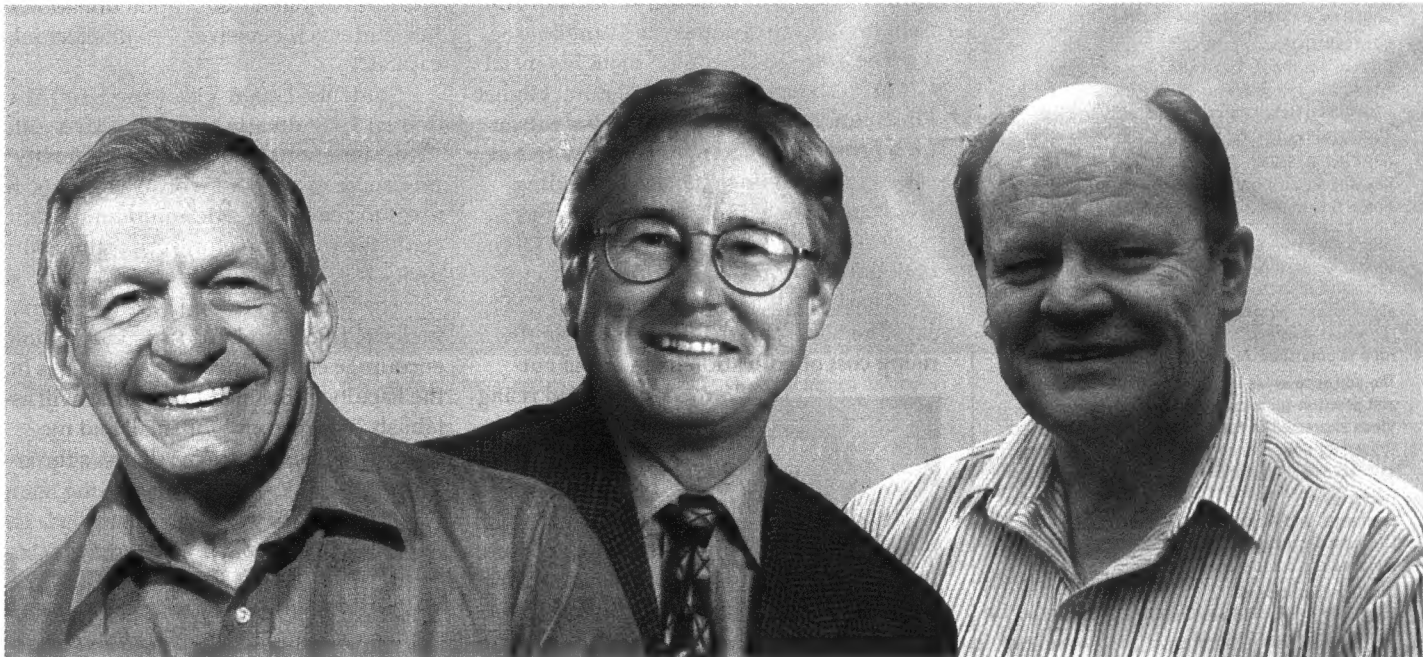
Biotoools president and CEO Gordon Stranks said the award reflects the company's rapid success since its incorporation in 1995.

Bioinformatics, or the "application of computational power to biological problems," includes a range of expertise and products in hot demand these days, he said.

Two of the companies software products, PepTool and GeneTool, allow scientists to interpret human gene sequences, pro-

"We'll have a string of letters—three billion long—and that's the blueprint of human life. But we don't really know how to read it yet. It's the software tools that allow you to make sense of that information."

— Gordon Stranks, president and CEO, Biotoools Inc.



ASTech award winners: Drs. David Schindler, Wayne Grover and Gary Stringam.

viding information that will eventually help them identify the causes of various diseases and their potential treatments.

"We write software, develop databases, refine data-mining techniques to work with the huge masses of biological data emerging nowadays," says Stranks.

The human genome project, in which scientists around the world are piecing together a complete map of the human gene, is expected to be completely mapped within a few years. Once the map is drawn, however, "you have to make sense of it," says Stranks. "We'll have a string of letters—three billion long—and that's the blueprint of human life. But we don't really know how to read it yet. It's the software tools that allow you to make sense of that information."

David Schindler received his ASTech award in the category of outstanding leadership in Alberta science for his research into the human impact on freshwater ecosystems. He was able to demonstrate the effects of various factors on freshwater lakes by isolating them and

changing their composition. Schindler was also Canada's first winner of the international Volvo Environmental Prize last year for his 25 years of work in this field.

In the category of outstanding leadership in Alberta technology, Wayne Grover in the Department of Electrical and Computer Engineering received his award for his self-healing and self-organizing telecommunications networks.

"I'm really happy we've got this kind of recognition for our department and our faculty at the same time our dean is making huge fundraising efforts for our new building," said Grover. "It sort of justifies a few things."

The award follows his W.R.G. Baker Prize Paper Award of the Institute of Electrical and Electronics Engineers this year for outstanding re-

search. The chief scientist for TRLabs (Canada's leading research consortium in information and communications technology) was also the McCalla Research Professor in Engineering in 1996 and a winner of Edmonton's "Smart City Awards" in 1998.

Gary Stringam was awarded the AVAC/ASTech Innovation in Agricultural Science Prize for helping to turn canola into Western Canada's second largest cash crop, estimated to be worth \$5 billion per year to the Canadian economy. Stringam developed the Double Haploid System that shortens the breeding time of the canola plant by 25 to 50 per cent. He also developed several disease-resistant and high-

yield canola strains.

A total of 12 awards and prizes were given out this year. ■

"I'm really happy we've got this kind of recognition for our department and our faculty at the same time our dean is making huge fundraising efforts for our new building."

—Dr. Wayne Grover



# U of A holds at fifth in tri-councils' funding

By Geoff McMaster

The University of Alberta continues to hold its fifth-place ranking among universities receiving funds from the three federal research granting councils.

Total grants received by the U of A from the Medical Research Council (MRC), the Natural Science and Engineering Research Council (NSERC), and the Social Science and Humanities Research Council (SSHRC) reached \$54.5 million in 1998/99. That represents an increase of 13.1 per cent over the previous year.

Associate Vice-President (Research) Bill McBlain says while the U of A's ranking hasn't changed, the university is nonetheless gaining ground on the funding front.

"We think we are playing the game very well, and are making progress," says

Dr. McBlain. "What we have to remember is it's very competitive. Since we're in the top five, we're clearly competing against Canada's very best universities — they're doing everything in their power to improve their funding intake as we are."

Ahead of Alberta in the rankings are the Universities of Toronto (\$112.8 million) and British Columbia (\$67.2 million), McGill University (\$63.6 million) and Université de Montréal (\$55 million). In sixth place is Laval University at \$40.7 million.

According to the Alberta Ministry of Learning, the U of A's per capita funding picture looks even brighter. The ministry ranks us second (behind McGill University) among 16 major Canadian research institutions for funding dollars per faculty member. The U of A receives \$5,185 per faculty

member; McGill receives \$6,035.

While the U of A held its ranking for both NSERC and MRC funding at third and fifth respectively, our SSHRC ranking slipped to fifth from third. But since the schools in third (Montreal at \$5.6 million), fourth (Laval at \$5.4 million) and fifth place (U of A at \$5.3 million) are so close in terms of research dollars, says McBlain, the slide is not a serious cause for concern.

"It's so close to the other two that it's one of those things that will just bounce back and forth over the years," he says.

He added the U of A has an excellent chance of rising to fourth position overall in the next year, especially considering we have the highest approval rate (or percentage of applications accepted) in the country.

"We're encouraged that we're now very close to fourth and have the ability to move up another notch," he says. "With our staff renewal, we're optimistic that many of our newly recruited staff members are only now getting into the grant stream." ■

## Total combined annual payments of MRC, NSERC and SSHRC

(Top 10 in 1998/99 indexed to U of A as 100)

	1997/98	1998/99	Rank
Toronto	198	207	1
British Columbia	120	123	2
McGill	129	117	3
Montreal	108	101	4
<b>U of A</b>	<b>100</b>	<b>100</b>	<b>5</b>
Laval	71	75	6
McMaster	62	58	7
U of C	56	58	8
Western Ontario	49	54	9
Queen's	42	49	10

Source: Research Grants Office, U of A

## Correction

In the last issue, Dr. Debra Shogan's name was incorrectly spelled in her photo caption (*No time for laurel-resting for this Killam prof*). Folio apologizes for the error.

## folio

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...it makes sense.

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## Business "boot camps" and bursaries get bankers' financial support

By Geoff McMaster

Two major Canadian banks have come forward this week with significant donations for higher learning at the U of A, each presenting cheques for \$1 million.

The Toronto Dominion Bank Financial Group (TD) has set up the TD Bank Higher Education Bursary, providing students in undergraduate degree programs with bursaries based on financial need. Funding will be distributed over a seven-year period starting this December and will target both part- and full-time students.

Charles Ballie, TD chairman and CEO, says the bursaries are meant to offset the rising cost of education in an era of cut-backs and rising tuition fees.



"One of [Canada's]

great strengths has been our access to higher education," he says. "That is why we are shifting our education donations to the students themselves—to intellectual capital."

Students' Union Vice-President (Academic) T.J. Adihetty welcomes TD's gift. "This donation will make the university more accessible to all worthy students. It's great to see the outside community, especially the private sector, supporting students."

The Canadian Imperial Bank of Commerce (CIBC) has also donated \$1 million to encourage entrepreneurship initiatives in the Faculty of Business. The funds will establish "boot camps" for small and medium-sized businesses in Alberta's three

main sectors: value-added agriculture, energy and energy services and e-commerce.

The boot camps, starting next spring, will be short, two-to-three-day intensive courses taught by professionals in the field or by university faculty, says business development officer Greg Moffatt. They will be delivered either at the U of A or through distance-learning vehicles such as the Internet.

CIBC's donation will also support the creation of technology commercialization MBA internships, the establishment of an annual CIBC lecture series on entrepreneurship and sponsorship of professional development and community involvement associated with the newly created Canadian Centre for Social Entrepreneurship.

## ...and so does the Faculty of Arts

Arts graduates are hot property in the world of international banking these days. Bankers say they bring a range of skills to an industry constantly adapting to the global marketplace.

The Hong Kong and Shanghai Banking Corporation (HSBC) has acknowledged the value of arts students with \$60,000 in scholarships and bursaries for the Faculty of Arts.

"Traditionally what organizations like ourselves have done is look towards the business faculty," says Ken Matheson,

vice-president of the bank for the western region. "But our business is changing like all businesses are changing, and the skills you need are far more varied today than they were five or six years ago."

"Let's face it, there are a lot of very successful people out there who didn't come from business backgrounds and who bring a lot of skills to the table valuable in today's marketplace."

The bank's donation to the arts faculty will be mainly in support of economics and East Asian studies. "We liked the idea

of East Asian studies—it's one of our key areas in terms of language and understanding the cultures, so that was a nice fit," says Matheson. He says the bank is also hoping to establish an internship program with the faculty, modeled after the faculty's current program with Scotiabank.

Faculty of Arts Associate Dean (Development) Rob Merrett says banks are increasingly showing an interest in graduates with strong communications skills as the industry becomes more service-oriented. ■

## Web Watch

By Randy Pavelich

### Faculty of Extension

<http://www.extension.ualberta.ca/>

Interested in taking a non-credit course? Take a look at the Faculty of Extension's Web page. A recent renovation of this site has resulted in an inviting, cohesive look. There are some nice navigation tools in the form of JavaScript rollovers, subtle but effective. The blocked layout seems to be effective in organizing the

content for quick reading. Finally, the colors and graphics employed on the pages work really well with the "food for thought" theme.

### U of A Outdoor Club

<http://www.ualberta.ca/~outdoors/welcome.html>

As the leaves keep falling, the snowflakes draw nearer. Nothing like outdoor

activities to wile away the upcoming winter months. A club involved in all kinds of exciting and hearty outdoor pursuits needs a Web site which can impart a sense of that excitement to its viewers. This site puts photos of club outings to good use and despite the large areas "under construction," the site is fairly well laid-out. Some individual pages might be a tad too vertical, but that's just a minor quibble.



# More women than men becoming their own bosses

*But study shows they're trailing behind in the earnings game*

By Phoebe Dey

It's a lifelong dream for many people: to quit your job, escape from your boss's demands, go into business on your own and live happily—and more wealthy—ever after. But for many Canadians, especially women, that dream is far from a reality.

Self-employment is too good to be true for the majority of people who undertake it, and women are lagging behind even more than in the workplace, according to a breakthrough study recently completed by a university professor.

"I expected some gender differences but I didn't expect them to be quite as pronounced," said Dr.

Karen Hughes, a sociologist and assistant professor in the U of A's women's studies department. She authored the report for the Canadian Policy Research Network (CPRN). "What I found is gender segregation in paid employment carries over even more when people go out on their own."

The study, *Gender and Self-employment in Canada: Assessing Trends and Policy Implications*, also found women are moving into self-employment at a much faster rate than men but only a minority are earning more than if they worked for an employer.

Small-business owner Donna Short is not surprised with the study. She teaches "jollyology"—seminars on how to relieve stress in the workplace—through her company, Short Stuff, founded earlier this year.

"There may be a lot of networking in small businesses but there doesn't seem to be a lot of help and resources for us," said Short. "My business is very small and on a shoestring budget, and for some women who are on their own and may have had some trouble in the past, it's hard to get funding from banks."

Self-employment has expanded dramatically in Canada, accounting for more than one-quarter of all new jobs since the mid-1970s and roughly three-quarters of all new jobs in the 1990s. Currently, more than one in six workers, or nearly 2.5 million Canadians, work for themselves.

The study focuses on two distinct groups of the self-employed: *employers* (those who have paid employees) and *own-account workers* (those who work alone).

Over time the occupational profile of men and women employers has become more similar as women have moved into previously male domains, but for own-account workers, women continue to cluster in sales and services jobs while males stick to sales, construction, technical and transportation jobs. There is also a strong connection between what people do when they work for other people and when they go on their own.

Hughes discovered earnings for self-employed workers are more polarized than for paid workers, and employers generally earn more than own-account workers. In terms of earnings for women and men, the wage gap in self-employment is greater than that among paid workers. In 1996, women in full-time paid employment made 72.8 per cent of their male

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Hitting the wall when it comes to salaries: Hughes found many reasons self-employed women still lagged behind.

peers' salaries. In comparison, full-time women employers made 69.2 per cent of what their male colleagues earned, while female own-account workers made 67.3 per cent of their male counterparts.

"There are a lot of different factors since we can't say there is one reason why this is happening," said Hughes. "Some women are in small-scale businesses with low economic returns, and some women are making a trade-off between the amount of time they spend with a business and with their family. There is value in having that flexibility for child care, but I'm more concerned about the group who is in the situation where they have no choice but to go into self-employment."

Choice is key for determining the level of success people have in self-employment, said Dr. Dallas Cullen, chair of the women's studies program and an associate professor in the Faculty of Business. Some women may willingly take a job with less income as a trade-off for being in control over their own business.

"For some women having intrinsic satisfaction is more important than money," said Cullen.

But if someone is forced into self-employment through downsizing, the psychological effects of being your own boss can be devastating, she said.

"If I don't see myself as a small business person and I am forced into it, it's a hard way to operate," said Cullen, adding those who are willing entrepreneurs are more likely to do well. "For those that are forced into self-employment, they need support to see themselves in this position. There should be a step in between the downsizing and the self-employment to help with a set of notions they need to be successful."

A mixed message is also being sent to women who start a business in order to have flexibility with child-rearing.

"Being responsible for child care and being an own-account worker is a horrific way to do things because you can't do either well," said Cullen. "There is also the assumption that you can limit your hours of work. In that case you have to have a partner who has a good career, so for a single mom the concept wouldn't work."

Government reports tend to say owning a business is "wonderful and people going into the area are going to benefit immensely," when they obviously may not, said sociology professor Dr. Harvey Krahn.

"We have come to view self-employment as a positive choice, since it appears to reflect more entrepreneurialism and choice-making, and not letting the labor market tell you where to go. At the same time, we forget self-employment reflects the same disparity that exists in the labor market," said Krahn.

One inevitable conclusion is educators and mentors must encourage young women to consider a broader range of

employment such as engineering, computers or technology, whether self-employment is the outcome or not, said Krahn.

Hughes' study found besides low wages and no benefits, barriers to training and education may also exist for self-employed workers, due to limited access to financing and an inability to absorb the costs of down time associated with training.

That research should not only raise questions for policy makers but for others as well, said Dr. Graham Lowe, director of Work Network, CPRN.

"This is an issue of equity, not just for employers but for the economy as a whole," said Lowe. "If self-employment is a key trend in the labor market, we have to ask how do we adapt our employment practices and legislation? We need to look seriously at how to address their needs."

"We don't have the answers but we can help pose the questions." ■

## SELF-EMPLOYED WOMEN

- The share of women employers has more than doubled to 3.4 per cent in 1997, up from 1.4 per cent of the female work force in 1976.
- The greatest increase in self-employment for women has been among own-account workers, who make up three-quarters of self-employed Canadian women.
- However, earnings for women in own-account work are low: just \$15,000 a year on average, compared to female employers who earn \$27,600.

»» quick »» facts



# message from the president

By Dr. Rod Fraser

As educators of the leaders of tomorrow, we face a bold challenge: to ensure University of Alberta graduates are prepared to participate and excel in the new global economy.

Just as outstanding researchers and professors are connected globally through vibrant international networks, our challenge calls for us to ensure students have significant international experiences: from studying abroad for a term to developing positive relationships with international students who come to study in Edmonton.

So how do we reach our aggressive international goals?

We begin to leave our footprint on the global stage with four target activities:

1. Recruiting outstanding international students and teachers of English as a second language.

2. Nurturing selected student exchange agreements with key universities in different parts of the world.

3. Developing alumni associations to help with international job placements, internships, recruitment, and connecting back to the University of Alberta.

4. Cultivating and stewarding relationships with our benefactors from around the globe—many of whom are tremendously successful University of Alberta alumni.

Given adequate resources, these target activities have proven to be effective. In Singapore the Public Services Commission referred five outstanding Singaporean students to the University of Alberta who have qualified for full government support of their studies. We have formalized academic exchange agreements with top universities in China: Zejiang University in Hanzou and the Harbin Institute of Technology. Our alumni chapters in Tokyo, Beijing and Hong Kong are gaining strength, and we have made significant progress in stewarding several benefactors during recent University of Alberta delegations to Asia. A recent highlight of our

international activities occurred during the Team Canada mission: Mitsubishi and the University of Alberta's Telehealth Technology Research Institute joined forces in groundbreaking research for the distance delivery of health care. The University of Alberta has a strong head start in Asia, but this focus serves to demonstrate the need to diversify our efforts into new territory.

As discussed in the international students' tuition debate, we need to broaden the geographical representation of our activities. We want to target the world's best students in Mexico, South America, Europe, the United States and around the globe. And I believe most agree with our internationalization targets in principle.

Still, our faculties say they are full and need additional resources to reach those targets. We also know international students need appropriate services in place to



achieve to their full potential. To make this happen, we have struck a task force including student representatives and administrators. Together, we will explore options to ensure the University of Alberta is an attractive consideration for outstanding international students.

Increasingly, our grads find their careers unfolding outside of Canada and outside North America. The valuable connections they make at the University of Alberta will serve them well in this new global economy. Internationalization provides us with the opportunity to leave a long-lasting and positive impression on the global leaders of tomorrow—those who come to study at the University of Alberta. ■

## appointments

### DIRECTOR OF INDIVIDUAL AND ORGANIZATIONAL EFFECTIVENESS

Wanda Wetterberg, associate vice-president (human resources services), is pleased to announce the appointment of Dan Charlton as director, individual and organizational effectiveness.

Charlton joins the University of Alberta from Alberta Human Resources and Employment, where he worked with many organizations across the province to develop strategies for building healthy, productive and innovative workplaces. He also has experience as an internal consultant, providing leadership for business strategy development, client consultation and organizational improvement initiatives.

Charlton brings skills in managing complex workplace issues, building collaborative relationships, dispute resolution, and motivating and guiding people to achieve results. He holds a BA and master's of philosophy in contemporary cultural studies.

The Individual and Organizational Effectiveness Department supports the U of A in creating conditions encouraging employees to be "the best they can be." The department assists in strategic planning, managing change, improving work design and processes, addressing workplace conflict and strengthening conflict handling mechanisms.

Dan Charlton can be contacted at 492-2159 or dan.charlton@ualberta.ca



Dan Charlton

## Volunteering legal advice

### Students bring back old tradition of pro bono work

By Dan Rubinstein

Over the last few years, some lawyers have felt their profession was losing touch with its longstanding tradition of pro bono work. But a new program linked to the University of Alberta's law faculty promises to help re-establish this ebbing volunteer ethic by spurring the next generation of lawyers into giving more to the community.

Pro Bono Students Canada, a program that matches non-profit community groups in need of legal assistance with law students who volunteer their time, is now up and running on campus. And the potential rewards to all involved are immense.

"There are really three ways I can see this being beneficial," says Leah Teasdale, a second-year law student who's coordinating the project.

"For starters, it allows students to get practical experience working in areas of the law they wouldn't have had a chance to get involved in before. Secondly, it fills gaps in the system, because many organizations aren't eligible for legal aid and have had budgets cut back by the government. This will give them more equal access to the justice system."

Last but not least, says Teasdale, it will help instill and install the important pro bono ethic.

"Pro bono work is part of the profession," she says. "When you take the oath, it says something about upholding justice – and how can you do that if some people don't have equal access?"

Pro Bono Students Canada was started at the University of Toronto in 1996. Two years later, it had spread to all of Ontario's law schools. This fall, thanks to a grant from the Calgary-based Kahanoff Foundation, five more universities have estab-

**"When you take the oath, it says something about upholding justice—and how can you do that if some people don't have equal access?"**

— Leah Teasdale,  
law student



Law professor James Robb (right) with members of Pro Bono Students Canada

lished branches: the U of A, the University of Calgary and the universities of British Columbia, Manitoba and New Brunswick.

Teasdale, who started organizing the local program in July, is now in the process of matching interested community groups with volunteers from the faculty's 500 students. While it's difficult to predict how many of her classmates will show an interest, she says 15 signed up in just the first two days.

Working under the supervision of practising lawyers, they'll provide whatever legal services or advice is required by groups like the West Edmonton Seniors, a centre for immigrant women called Changing Together, and the Sierra Club of Canada's Prairie Chapter.

The Sierra Club, an environmental awareness organization, needs help understanding cumulative impact assessment laws and doing research on laws that pertain to their campaigns, says campaign director Sonja Mihelcic. "We also

need people to give us basic information on the ins and outs of law," she says.

U of A law professor James Robb, who helped the program get started here, says showing students how many different ways they can give back to the community is another important aspect of pro bono work.

"It's an incredible experience for them," he adds, "to see something other than the classroom."

Shaf Kassam, one of the first volunteers to sign up, is looking forward to the opportunity to do some hands-on work. He wants to learn more about intellectual property issues and thinks Pro Bono Students Canada will provide him with that chance.

But Kassam, a second-year law student, is also thinking about the "giving" element. "Lawyers tend to hold positions of trust in their communities," he says. "There are a lot of groups that need advice, and sometimes lawyers can do that just off the tops of their heads. This program leads in that direction." ■



# Enough with funding stats and rankings

*Individuals, not numbers, make up a vibrant academic community*

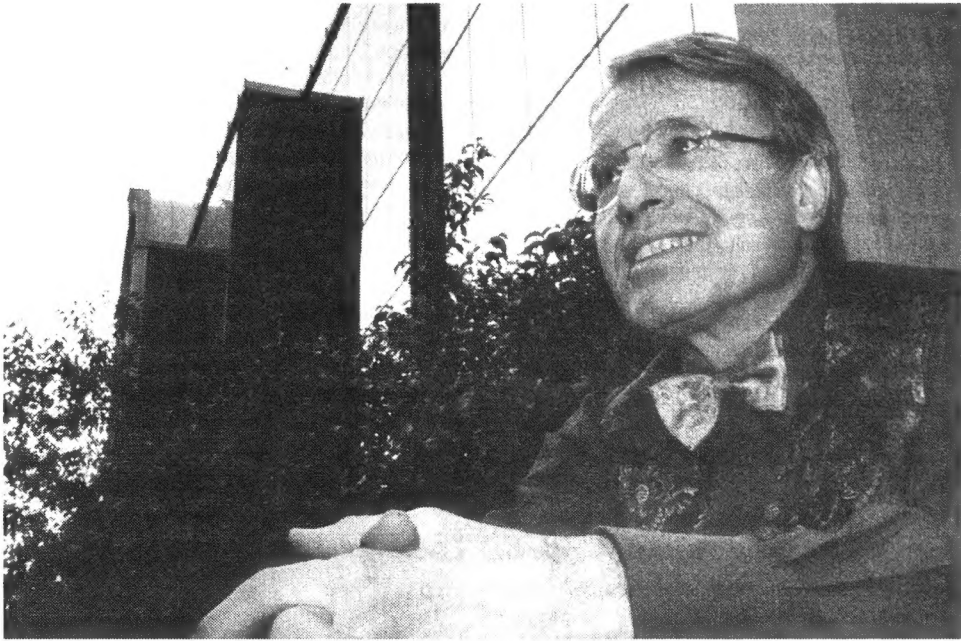
By Dr. Reuben Kaufman, Department of Biological Sciences

Rod Fraser's first term as president was reviewed recently in the article, "You asked—the president answered" (*Folio*, Sept. 17). Some of his initiatives are testimony to his leadership. But others, constrained by expectations imposed by government and business, pale when judged against the academic standards of a decade past.

Dr. Fraser's vision for the U of A to be "indisputably recognized..." is a slogan to which even he alludes now with good humor. But finding appropriate parameters whereby to assess that vision eludes us still. For example, is it really meaningful to rank the research of our top universities according to the small percentage difference in aggregate funding that separates us? Somehow we've suppressed the notion great ideas cannot be ranked according to the funds expended.

We all share Dr. Fraser's pride in our colleagues who have won local and national teaching awards. But how does the number of such awards benefit our students? Only a small minority of them have an opportunity to interact formally with our 3M Teaching Fellows. It would be difficult to prove our success in winning these awards is more a reflection of overall teaching quality here (whatever that may be) than the result of vigorous efforts by the director of University Teaching Services to promote nominations. A rather more telling indicator that our commitment to teaching may not be unusually high is that many of our faculty members do not believe good teaching leads to career advancement in the same measure as does good research. And as far as I know, there is no strategic initiative to address this anomaly.

Now contrast the bland statistics on research funding and number of teaching awards with descriptive profiles of our indisputably inspiring colleagues. For a recent sampling, see the *Annual Report to the Community 1998/99*. In the first story, I



Kaufman: what are the appropriate parameters to assess the president's vision?

am moved by an enthusiasm for teaching also shared by many others at the U of A. From the second profile, I have glimpses of other scholars here who likewise make brilliant contributions to art, science and song. And so it continues as one reads through the report. A vibrant academic community emerges from enthusiastic individuals, not statistics. Most fine universities have equivalent stories to tell, and not one of them can trivialize the others in the way that "22 3M Teaching Awards" or "one billion dollars of research funding" does.

The editors at *Maclean's* are now the indisputable arbiters of what defines an excellent university in Canada. It depresses me to witness our president negotiating with an editorial board to change their measures so the public will think that we are better than others. And from one November to the next, we watch eagerly as the U of A bobs randomly between four and nine in rankings that haven't a shred of relevance to anything beyond selling

magazines. True, *Maclean's* has a mandate to sell magazines. But a decade ago, I would never have imagined our country's entire university community would be engaged in this mandate. We pretend to offer our students the wherewithal to become critical thinkers, and then we fail to think critically, all of which causes to well up in me a sense of indignation that sometimes verges on the pathological! And one November, sooner or later, the inevitable flukes of statistical noise will achieve top rank for us too, and you'll find me weeping into my beer because this was all that it took to achieve our vision.

I have been told we must play this game with *Maclean's* because the general public has supreme faith in the rankings, and because we would lose out to the competition if we took the high road. But because *Maclean's* is dependent on each president for data, there's another option. If even a minority of universities refused to comply, the annual rankings would lose credibility. To fill the vacuum, the Associa-

tion of Universities and Colleges in Canada (a body comprising the presidents of all Canadian universities) should provide the type of information that would enable prospective students to select a university on a rational basis; needless to say, this should not include the ranking of integers.

So far we have attracted many international students because our reputation is solid and our fees have been relatively modest. Until General Faculties Council had their say recently, the administration had a plan to double the tuition fees for international students. This would make it seem, at least to the financially privileged, that we offer a superior product. But there is little in our strategic initiatives to lead us in the direction of the proverbial Oxford, Cambridge, Harvard and Yale. Their reputations are based largely on extremely high faculty-to-student ratios. The performance indicators on which the Minister of Learning evaluates us unfortunately leads in the opposite direction. Notwithstanding our respected place among Canadian universities, we shall never be numbered among the top 35 universities on this continent, let alone beyond, unless we reduce our student numbers and increase our faculty numbers. But I don't see much chance of this happening in my lifetime.

As somebody who has a happy career here, I'll close on a brighter note. Our administration deserves applause for forging closer links with the community at large, and for our enormously successful fundraising campaign. In recent years we have reached out more than ever before to the city and beyond. As more Albertans come to understand us and learn with us, so will they better appreciate the benefits we bring to the province. With regard to fundraising, I was most impressed to learn the administration first established the priorities of academic units, and then sought the donations. These funds will surely have a positive impact on our academic mission, and this gives me some optimism for the future. ■

# Art as function of citizenry needs more support

*Panelists from around the world connect at Global Culture and Arts Communities Symposium*

By Dan Rubinstein

In Iceland, until relatively recently, people weren't allowed to watch television on Thursdays—or in July.

Thursdays were set aside for public meetings, and the anti-TV edict was thought to encourage attendance. In July, given Iceland's fleeting summers, the government wanted its citizens enjoying the outdoors.

But there was another agenda at work: most TV beamed into Icelandic homes is foreign, usually American, and shutting the door on cultural penetration served as a powerful stimulus for the tiny island nation's indigenous arts community.

"The Icelandic people and government believe culture is essential to the nation's survival, and they go to elaborate lengths to protect it," said

Dr. David Arnason, the head of the University of Manitoba's English department. He was speaking at the Global Culture and

There's a clear understanding by [Icelandic] politicians and bureaucrats that art serves a hegemonic function. It creates citizens."

— Dr. David Arnason, symposium panelist and a fourth-generation Icelandic-Canadian

Arts Communities symposium held at the Timms Centre for the Arts, Oct. 13-17.

"There's a clear understanding by politicians and bureaucrats that art serves a hegemonic function. It creates citizens," said Arnason, a fourth-generation Canadian of Icelandic stock.

Moderated by Dr. Derrick de Kerckhove, director of the McLuhan Program in Culture and Technology at the University of Toronto and the symposium's keynote speaker, Arnason and his co-panelists talked about how other countries and cities view their local arts communities.

Iceland was a shining example. It's a country with just 270,000 people, yet its arts scene is as active as Edmonton's,

a city with a population nearly three times greater. A 23.5 per cent culture tax helps.

After hearing Arnason's talk, Shivaun O'Casey, a theatre director from Northern Ireland, said she felt like a "poor cousin."

In the city of Derry, where she ran a theatre company for almost a decade, unemployment runs rampant, there is conflict between Catholics and Protestants, and there's not much funding—or government concern—for the arts.

"People are trying, through the arts, to bring our [Catholic and Protestant] communities together," said O'Casey. "It is working, but very slowly, and with very little help. You need industry, you need jobs and you need the understanding—as in Iceland—that arts are your right."

Scottish visual artist and writer Ross Sinclair talked about how arts played a key role in Glasgow's recent economic resurgence. Glasgow is a typical European post-industrial city, said Sinclair, but over the

last decade or so a thriving cultural scene has helped the city "re-imagine" and "reinvent" itself. A fresh, new painting style that developed in Glasgow, for example, drew international attention. Now the Scottish government is pouring millions of pounds in lottery money into rebuilding the city's arts infrastructure.

The Global Culture and Arts Communities symposium drew about 140 participants over its five days. University of Alberta Professor Emeritus Susan Jackel is organizing a similar conference next September in Sechelt, B.C. And Walter Archer, assistant dean (research), Faculty of Extension, is looking funding proposals for relevant research to the new federal Community-University Research Alliance program.

"This symposium will be a springboard for the future," said Tozer. "Overall, we're pleased how it went. But this was just a beginning." ■



# McCalla Professorships 1999/2000

**These prestigious awards provide full-time teaching relief to enable recipients to pursue a research project in Edmonton. Here's a look at the award winners and their abstracts:**

## Faculty of Agriculture, Forestry and Home Economics

### Dr. Francis Yeh

*Department of Renewable Resources*

Recent development of molecular markers and advancement of statistical analysis have enabled identification and localization of quantitative trait loci (QTLs) of interest on chromosomes, based on complete linkage maps in plants and animals. Dr. Francis Yeh's laboratory has recently identified 14 QTLs for resistance to western gall rust (WGR) in lodgepole



pine, a fungal disease that frequently causes damage, especially in young plantations. During the term of the Professorship, 2500 Amplified Fragment Length Polymorphic markers will be added to the existing genomic map. Together with the 500 or more Random Amplified Polymorphic DNA

markers the research team has already placed on the genomic map, average map distance between markers will be small, estimated at 0.65 cm. Small distance between markers facilitates the localization of QTLs using chromosome walking and chromosome jumping techniques. The ultimate goal is to clone the resistance genes in lodgepole pine and study their expressions.

## Faculty of Arts

### Dr. Paul Hjartarson

*Department of English*

"The extraordinary continuing appeal of the Group of Seven to Canadians," W. H. New argues in *A History of Canadian Literature*, "owes much to the nationalist climate of the 1920s and its governing equation between nation and landscape," (144). In *Nation/Culture/Landscape: (Re)Constructing Canadian National Identity in the 1920s*, Dr. Paul Hjartarson analyzes the cultural construction of the nation as an unpeopled wilderness landscape, examines the role of the landscape painting and "literature" in that construction, and considers the exclusions on which it was built. Although this study focuses on the '20s, it traces some developments back into the 18<sup>th</sup> century and follows others to the present.

### Dr. Stephen Slemon

*Department of English*

This project comprises a meditation on the colonial stereotype of "thuggee." Administrators in British India believed "the thugs" were devotional murderers, stranglers in the service of the goddess Kali, and their campaign of eradication against the thugs enabled them to change the basic rules of evidence for court proceedings, to establish complicated surveillance networks, and to criminalize whole groups of people purely on the basis of their family lineages. We now know thuggee never really existed. But the stereotype lives on. It helped consolidate the Victorian detective novel as a literary form; it inflected 19<sup>th</sup> century scientific debates about craniometry; it provided the backdrop for Hollywood blockbusters like *Gunga Din* and *Indiana Jones and the Temple of Doom*; it produces the imagery for contemporary computer games; it even informs "gansta" music. The goal of this project is to arrive at an understanding of why it is a colonialist concept that is so obviously wrong nevertheless stays current in popular culture.

### Dr. Julian Martin

*Department of History and Classics*

As editor of Volumes 1-3 of the 16-volume Oxford *Complete Works of Francis Bacon*, Dr. Julian Martin is preparing critical textual editions of treatises by Francis Bacon (1561-1626), the celebrated English natural philosopher, essayist, jurist and politician. The default "standard" edition is 150 years old and unreliable. No critical textual edition incorporating the manuscript remains has been attempted before. The focus of this McCalla Professorship is the 152 manuscripts and 45 early printings of the 22 treatises of 1595-1603 (Volume Two of the *Works*). The aim is to provide, at a high level of bibliographical rigor, academically reliable texts and associated textual notes—basis foundational scholarship.

### Dr. Raymond A. Morrow

*Department of Sociology*

The abstract is titled, "Mexican Intellectuals and the Public Sphere: From the Student Movement of 1968 to the Crisis of Democratic Transition." The proposed research is directed toward a book analyzing the contribution of diverse types of Mexican intellectuals to the process of democratic transition that has emerged since the student revolt and massacre of 1968. The study will focus on four basic types of intellectuals and the responses to the Mexican crisis: *artistic intellectuals*, *academic critics* in the social sciences, *journalistic intellectuals*, and *"popular" critics*. Particular attention will be given to their analysis of social and cultural change and the implications for democratization in relation to issues such as the Chiapas crisis, globalization, NAFTA, social inequality, the rise of new communications technologies and the crisis of the governing party.

## Faculty of Business

### Professor Stuart McFadyen

*Department of Marketing, Business Economics and Law*

This project investigates the marketing and distribution of Canadian feature films. The Canadian government has identified distribution structure and the relatively small size of the Canadian market as the



key challenges faced by Canadian cultural industries. But are these concerns valid in the case of the Canadian film industry—or are other factors such as the nature of the films more important? Producers, distributors and exhibitors will be interviewed; the commercial, critical and Canadian content success

of all feature films financially assisted by Telefilm Canada (1983-1993) will be analyzed; and the success of Canadian feature films in foreign markets examined.

## Faculty of Education

### Dr. Joyce Bainbridge

*Department of Elementary Education*

The research examines the extent to which Canadian literature is read by students and teachers in Alberta's elementary schools and explores the students' responses to that literature. The first part of the study consists of a Web-based survey of a cross section of teachers in Alberta, exploring the extent to which they select Canadian materials for use in their classrooms and school libraries. The second part of the study involves a group of 10 teachers studying and teaching with Canadian children's literature. The researcher will visit a selection of classrooms to study the responses of students to the Canadian literature.

## Faculty of Engineering

### Dr. Larry W. Kostiuk

*Department of Mechanical Engineering*

I will use the McCalla Professorship to work full-time with colleagues and graduate students investigating the impact flaring has on the environment. Flaring,



the process of disposing of combustible gases with an open flame, has become a very common practice in the energy industry. Despite the continual flaring at more than 5,000 sites consuming 1.7 billion cubic meters of gas a year in Alberta, very little is known about their emissions. The performance and emission from scale model flares are being measured with the aid of a large environmental wind tunnel on campus and results of these experiments will likely impact the regulations and practice of flaring worldwide.

## Faculty of Law

### Professor Annalise Acorn

In this book, "The Role of Love in Transformative Justice: Theorizing Connection in Alternative Dispute Resolution," Prof. Annalise Acorn argues that emerging practices of transformative justice require an account of the potential relations of love, kinship, and community to justice. A new conception of "transformative justice" is presently overtaking traditional adversarial and retributive understandings of justice. Transformative justice practices such as alternative dispute resolution, sentencing circles, family mediation and so forth, place ideals of the repair of community and the creation of "right relation" between individuals at the centre of justice-based goals. Acorn examines but rejects spiritual and erotic conceptions of the relation between love and justice and ultimately suggests the most viable conception of love as a potential theoretical, emotional and practical foundation for transformative justice lies in a theory of love as *philia* or affectionate love.

## Faculty of Medicine and Dentistry

### Dr. Marek Radomski

*Department of Pharmacology*

The abstract is titled, "Matrix metalloproteinases in regulation of platelet function." Platelets are blood elements essential for clotting. Clotting protects the host from lethal loss of blood during accidental injury. However, the formation of blood clots in diseased blood vessels heralds serious illnesses including stroke and heart attacks. Aspirin is a vital cardiovascular medicine used in prevention of these disorders, however, some patients do not benefit from this drug. We have identified matrix metalloproteinase-2 (MMP-2) in human platelets and showed this enzyme stimulates platelet-dependent blood clotting. Aspirin does not modify the actions of MMP-2 on platelets. The research objective for the forthcoming McCalla year is to study the mechanisms of MMP-2 action on platelets. The ultimate aim of this research is to develop drugs that would be more effective than aspirin for the therapy of stroke and heart attacks.

## Faculty of Rehabilitation Medicine

### Dr. Helen Madill

*Department of Occupational Therapy*

"The Influence of Young Women's Experiences on Career Decision Making in Science: What are the Policy Implications?" is the title of the SSHRC-funded research being carried out by a team from chemistry, educational psychology,

medical microbiology & immunology, WISEST (Women in Scholarship, Engineering, Science and Technology) and headed by Dr. Helen Madill (principal investigator). The team is in the final year of the project which should shed light on some important questions related to young women's career development in science-related fields: What influences women's career directions? Do post-secondary education policies influence their decision making? Does the availability of financial resources facilitate or compromise attainment of women's career goals? What do non-science and other professional fields have to offer that might make them more attractive career alternatives?



## Faculty of Science

### Dr. Mike Belosevic

*Department of Biological Sciences*

To better understand the interaction between the human parasite *Leishmania major* and macrophages, Dr. Mike Belosevic investigates the entry of the

amastigotes (tissue stage) of the parasite into macrophages. To date he has immunochemically characterized a 12kD surface protein (designated as ASP12) of amastigotes that causes a 50 per cent decrease in the entry of parasites into macrophages. Due to the limited amount of parasite material, he plans to clone the gene that encodes this novel parasite antigen. Recently, he established and functionally characterized novel and unique long-term macrophage cell lines from the goldfish. These macrophages grow spontaneously *in vitro*, are non-specific esterase positive, exhibit phagocytosis, chemotaxis, and upon appropriate stimulus produce reactive oxygen and nitrogen intermediates. He also has a partial sequence for the nitric oxide synthase and COX-2 gene from fish macrophages. The mechanisms of induction of the activated macrophage antimicrobial mechanisms differ between fish and mammalian macrophages. He is currently studying the biology of the fish macrophage activation and is planning to characterize the fish macrophage growth factors. Dr. Belosevic developed novel nucleic acid staining methodology for the detection of viable parasites (*Giardia* and *Cryptosporidium*) in environmental specimens. Automated flow cytometric evaluation systems for the detection of viable parasites in drinking water are being evaluated in his laboratory.

### Dr. Frank E. Nargang

*Department of Biological Sciences*

Dr. Nargang's research deals with the biogenesis of mitochondria. Mitochondria are double-membrane bound, subcellular organelles that are responsible for energy production in eukaryotic cells. Although mitochondria contain their own DNA, their coding capacity is small and contributes only a few of the hundreds of proteins found in the organelle. The vast majority of mitochondrial proteins are encoded by nuclear DNA, translated on cytosolic ribosomes, and imported into mitochondria. The process of importing these nuclear-encoded proteins into mitochondria requires the action of complex translocases found in both the outer and inner membranes of the organelle. The Tom complex (Translocase of the outer mitochondrial membrane) recognizes mitochondrial proteins synthesized in the cytosol and imports them through the outer membrane. Two Tim complexes (Translocases of the inner mitochondrial membrane) are responsible for the further insertion of proteins either into, or through, the inner membrane. Dr. Nargang will utilize his McCalla award to develop strains of *Neurospora crassa* containing modified Tim complex proteins that will facilitate isolation of the translocase responsible for moving proteins through the inner membrane. He will also work with collaborators at the University of Munich to devise methods for reconstitution of the complex in artificial liposomes. This will allow a detailed study of the components and mechanism of action of the Tim complex.

### Dr. Martin Cowie

*Department of Chemistry*

Currently a large number of bimetallic catalysts, involving two different metals, are used in a wide range of industrial applications. However, the majority of these catalysts are heterogeneous, and are therefore difficult to study and are poorly understood. This research is aimed at understanding the functions of the different metals in bimetallic catalysts by modeling key steps in selected catalytic transformations through the use of homogeneous complexes that contain the appropriate combinations of metals. These complexes incorporate groups that allow them to be probed by a number of spectroscopic techniques facilitating their characterization and allowing the reactions to be studied in depth. Over the next year, Dr. Martin Cowie and his team will be investigating the functions of different metal combinations in promoting carbon-carbon bond formation in the Fischer-Tropsch (FT) reaction, in which carbon monoxide and hydrogen are converted into useful hydrocarbons using appropriate catalysts. In this reaction the pivotal species responsible for carbon chain growth is the methylene group (CH<sub>2</sub>). Preliminary studies in this area, using mixed group 8 (Fe, Ru, Os) and group 9 (Co, Rh, Ir) combinations of metals, have uncovered a system in which methylene units are combined to give hydrocarbon groups containing 2, 3, or 4-carbon fragments, depending upon the metals and the conditions used. Further studies are aimed at determining the roles of the different metals in carbon-carbon bond formation, with a view towards understanding how to influence product selectivity in FT catalysis.



# Misadventures and memories in "unofficial" history book

**Professors emeriti come up with Echoes in the Halls**

*The Association of Professors Emeriti, together with Duval House Publishing, University of Alberta Press and Quality Color Press, will launch Echoes in the Halls, Nov. 3. It's billed as the "unofficial" history of the U of A, complete with pranks and prose. Here's an excerpt, reprinted with permission:*

## The Christmas Party

By Dr. James Campbell

In 1965, during the interregnum between the departure of G. E. Myers and the arrival of W. E. Razzell as Chairman, the Department of Microbiology held the most famous in a long line of memorable Christmas parties.

As usual, we held the party on the last afternoon before the holiday, in the research laboratory adjoining the Chairman's office. The lab was located on the second floor of the present Dentistry-Pharmacy Building, directly over the elegantly appointed office of the Dean of Pharmacy. On that particular day, a balmy chinook blew in. Given the building's primitive ventilation system, the large crowd, and the typically lively nature of our functions, this soon made the room unbearably hot. So, naturally, we opened the windows.

When we finally wended our bibulous way home, no one remembered to close the windows. That evening, in true Alberta fashion, the temperature plummeted to -30° and froze the pipes solid. Some time later, a janitor making his rounds noticed the chill, closed the windows and went on his merry way home for the holidays. As soon as the room warmed up, of course, the burst pipes thawed, the flood waters

began flowing, and they continued flowing because everyone was off celebrating Christmas. To make matters worse, the building was old and, to borrow a nautical term, "lacked watertight integrity." In other words, it was a leaky ship of a building, full of cracks and holes. The water poured straight down into the office of the Dean of Pharmacy.

The damage in our department was trivial, but by the time the flood was discovered, the Dean's expensive carpet was literally afloat, along with some of the lighter furnishings. As Acting Chairman at the time, I was nominally responsible. I was certain that my budding academic career, if not ended, was at least in mortal danger. Fate stepped in to save me, however.

The caretaker who had closed the windows neither spoke nor understood Eng-

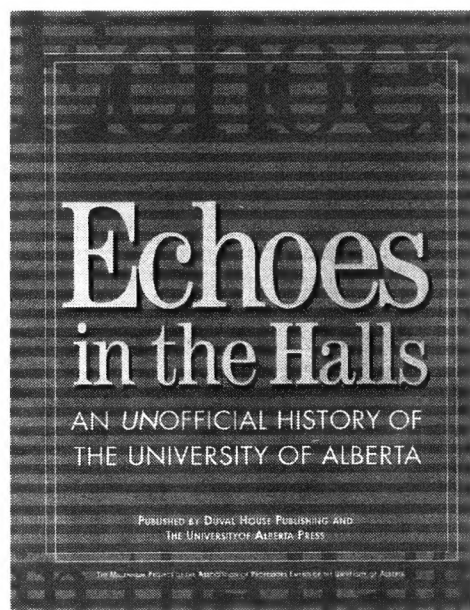
lish at all well. When questioned by the investigating SWAT team, he assumed that they were trying to pin the blame on him. He categorically denied that anything untoward had happened on his shift. The more they grilled him, the more he stonewalled. Finally, the union representative was called in, and the whole thing degenerated into a loud argument about workers' rights.

The University eventually decided that this was leading nowhere. They wrote the mishap off as some sort of act of God, thereby letting both the hapless janitor and your humble correspondent off a very sharp hook. The Dean of Pharmacy, in addition to being a scientist, was also an award-winning author and humourist. We thought that such a person might appreciate the lighter side to all these unpleasant proceedings, so we sent him a ribbon-bedecked umbrella, along with a sympathy card courtesy of the department. His secretary later told me that, to put it mildly, he did not find the gesture funny. It was a long time before his famous sense of humour returned, at least as far as the Department of Microbiology was concerned.

Now, more than three decades later, I bring to light the true facts of the

"Flood of '65" in the hope that exists in Canadian jurisprudence a statute of limitations that protects me from post facto prosecution. ■

*Echoes in the Halls will be officially launched Nov. 3, 4-6 p.m. at the Faculty Club, Papaschase Room. All are welcomed to attend. The book sells for \$24.95 and can be purchased through the Association of Professors Emeriti, University Bookstores, Duval House Publishing and University of Alberta Press.*



# A United Way take-off

**Music professor wins "early bird" draw**

Dr. Debra Cairns has her heart set on visiting Newfoundland, thanks to her two free airline tickets courtesy of Canadian Airlines.



**United Way**  
OF EDMONTON AND AREA

Cairns was an "early bird" with her donation to the United Way, and her diligence means she can head anywhere in North America. Cairns, an associate professor of music in the Faculty of Arts, had her name drawn from a lottery of all the early United Way donors across campus.

"I was completely astonished, because I never win anything," said Cairns with a laugh. "I made my donation early so I wouldn't forget." For Cairns, supporting the United Way is an easy way to support so many important agencies in Edmonton. "I'd like to assist the community, in whatever way I can." Organizations like the food bank, women's shelters and youth centres are her donation aims.

How can you help out? Turn your hunger into a United Way donation at "Super Sub Day," organized by Aramark Campus Services and the Faculty of Physical Education and Recreation, Nov. 3, 10:30 a.m. to 1:30 p.m. in the Van Vliet Centre corridor by the Glen Sather Clinic. The goal is to raise \$1,000. For every sub and coke sold, \$2.75 will be donated to the United Way campaign.

So far, a generous campus has pushed up United Way funds to \$225,000 to date, just shy of our total \$240,000 goal for 1999.

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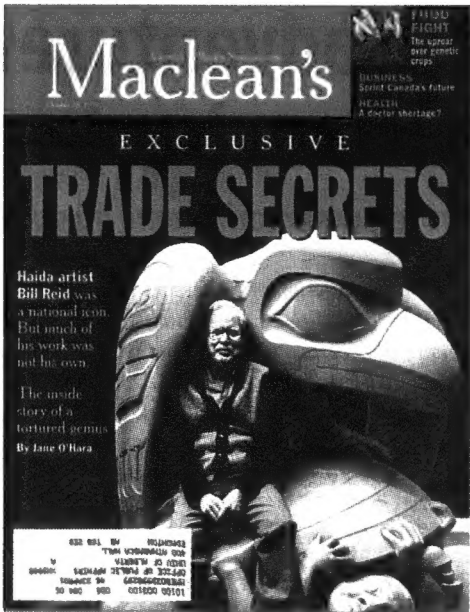


# On determining authenticity and authorship in art

The cover story "Trade Secrets" in the Oct. 18, 1999 edition of Maclean's magazine was on famed west coast artist, Bill Reid, and how since 1980 until his death, he relied on others to produce his work because of the de-

bilitating impact of Parkinson's disease. In her article, writer Jane O'Hara reports while "Reid was still capable of drawing, designing and supervising, almost everything was carved, painted or fabricated to a significant degree by

other artists and assistants." At issue was the notion of authorship and authenticity. The story unleashed a flurry of reaction in the art world—and beyond. Here's what University of Alberta scholars had to say on the issue:



## Bill Reid's Haida art without an 'aura'—how does it make sense?

By Dr. Jetske Sybesma, acting chair, Department of Art and Design

Canadian art investment in original Bill Reid creations assumes new status as commodity fetish following the recent publications in *Maclean's* October issues (Oct. 18, 25). As befits a popular magazine dedicated to public debate, *Maclean's* has not tried to avoid arguments about the limits or validity of what Haida artist Bill Reid actually did carve. Thus, authenticity and loss of "aura" are questions recently caught into a mass-media whirlwind.

It is *Folio's* contribution to academic debate that it can enlist two newly appointed faculty members in the Department of Art and Design, Anne Whitelaw and Allan Antliff, to clarify the essential aspects behind this media flurry about the authenticity of Bill Reid's work. The arrival of these two historians of art and visual culture in the Department of Art and Design is building on existing strengths of its art historians.

Dr. Whitelaw and Dr. Antliff's discussions complicate, but do not refute Reid's legacy. They see arguing for or against authenticity of the artist's carving as futile. By carefully distancing themselves from media-hype, Whitelaw and Antliff provide much more than binaristic reputations. They regularly handle debates like this from an academic perspective because both recognize that issues, like the Reid case, are topics of much importance for their disciplines.

The argument about what Bill Reid could and did carve will rumble on in the media. In the end, it is the reading of the artist's role by the art historian, and the historian of visual culture, that will add plausibility for the University of Alberta's academic claim that "it makes sense." Questions like authenticity cannot be avoided when one deals with artists like Reid, Duchamp or Rembrandt; they are ultimately the justification for academic research. ■

## New public outcry over old art question

By Dr. Anne Whitelaw, assistant professor, Department of Art and Design

Media portrayals of art and artists have long relied on notions of authenticity and originality to construct the artist as hero. The publication by *Maclean's* of a cover article on Haida sculptor Bill Reid, alleging he passed off works largely produced by assistants as his own, is less interesting for its reiteration of these well-worn conceptions than for the way in which the article sustains a tenor of public betrayal over the activities of a well-known and popular artist.

As "Canada's weekly newsmagazine," *Maclean's* styles itself as the voice of the Canadian public, not simply reporting issues but constantly on the lookout for situations where integrity and honesty have been violated with the goal of alerting the country (its readers) that it is being duped.

The article relies for its argument on two conceptions of authenticity: that of the artist who is the sole "creator" of his (sic) masterpiece, and that of a pure cultural identity which is true to its traditions and its people. Reid fails on both counts: first (and foremost) for aggressively establishing himself as the sole author of works for which he obtained substantial and necessary assistance from a wide range of Haida and other carvers; second, Reid's employment of white carvers and his relentless self-promotion are used to question his contribution to Haida art over the last 20 years, and places suspicion on the legitimacy of his claim to representing First Nations artistic production.

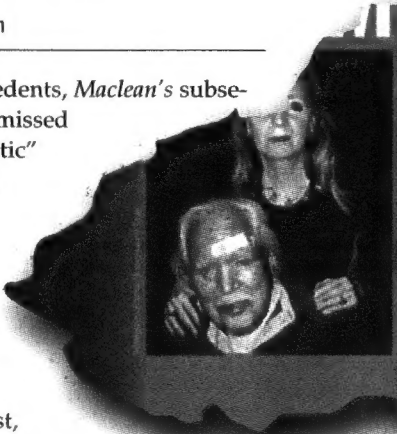
While the critical response to the original cover story rightly dismissed the issue of authenticity/originality and defending Reid's use of assistants by citing countless

art historical precedents, *Maclean's* subsequent rebuttal dismissed the critics' "aesthetic" response, arguing instead the central question was the lack of authenticity in Reid's presentation of himself as the artist, the sole creator of a given work—in other words, a lack of integrity. In this context, what role does *Maclean's* see itself as playing in the production of public discourse about art, and what can our response as academics be to that discourse?

We may want to ignore *Maclean's* story for raising an issue that has little interest or pertinence to current modes of artistic production, to dismiss its comments as the unsophisticated rhetoric of a general interest magazine. The generalist nature of its subject matter and by extension its readership, however, makes it a central player in the fostering of public debate.

The couching of the articles in a language of authenticity read as integrity can be seen as part of a larger shift in Canadian public culture manifest in the grass-roots populism of many political parties, and in the increasing amount of space devoted to reader/viewer responses by news and information media. This public display of popular opinion plays a central role in the legitimization of the activities of news-gathering organizations, which increasingly frame their reports in language that will resonate with a public confident in their right to be heard and spoken to as equals. The tone of outrage that permeates the *Maclean's* article, and its assessment of Bill Reid in terms of his personal and artistic authenticity, is to an extent a recognition of the larger terms of public debate in Canada around the accountability of public figures.

That this rhetoric is jarring to those of us within an academic context highlights perhaps our own inability to play an active role in current public debate. ■



## The art world goes on the attack

The *Maclean's* cover story on Haida artist Bill Reid brings a storm of protest

## One artist's missed opportunity

By Dr. Allan Antliff, assistant professor, Department of Art and Design

The Bill Reid controversy turns, in essence, on the question of artistic authorship. Reid played on it, so judging his art production on this basis seems fair game. Reid's defenders point out many other artists have had "studios" with teams of hired hands doing the actual work. True enough, but that doesn't detract from the fact that Reid's work has been bought and sold and bought again because the buyers thought he did the carving.

Discovering this was not the case generates a crisis of artistic authorship, and consequently, market value. Hence all the fuss.

For every well-heeled art star like Reid, there are thousands of equally talented artists who scrape by on next to nothing. The art market of the singular genius is an economic pyramid. Cash value accrues as you go up, and the field narrows. But the truth is, the selection process is arbitrary.

The real tragedy is that an opportunity has been missed. Reid could have challenged the injustice of this system at the point of production if, as his physical condition worsened, he had dropped the pretense of artistic genius, acknowledged the collective authorship of the work, and distributed the funds accordingly. Instead he chose to batten on the exploitation of others by appropriating their artistry to maintain his own pretenses to the same. ■



Antliff: Bill Reid chose to ride the pretense of artistic genius, instead of challenging it.



# Poetry sounds off on CD

By Gilbert A. Bouchard

While it may be a demanding poetic form that dates back to the experiments of the Dada writers, and lays claim to Canadian verse giants such as bp Nichol and bill bissett, University of Alberta English professor and internationally acclaimed poet Douglas Barbour wants to underline his deeply held assertion that sound poetry is also a heck of a lot of fun.

"As another form of writing, another form of thinking about how language works, sound poetry can be terribly useful to writers as a kind of resource, but we've also found that it's entertaining and that people really enjoy it," says Barbour. He defines sound poetry as a species of vocal performance that utilizes everything "from inarticulate grunting to fully articulated words and sentences" to transcend traditional conventions of language in the creation of its linguistic magic.

Barbour asserts sound poetry, popular the world over, has been practiced in Canada since the 1960s and continues to attract a wide-range of intellects and literary points of view.

Barbour should know. He and fellow sound poet Stephen Scobie (former Uni-

versity of Alberta instructor, Governor General award winner and collaborator since 1972 with Barbour in the performance duo Re:Soundings) have recently compiled a CD collection of Canadian sound poetry for Red Deer Press. It's titled "Carnivocal: A Celebration of Sound Poetry" and anthologizes practitioners from the '60s ("bp Nichol, Stephen McCaffery and Paul Dutton to name just three") to the present day.

"There was a quiet time in the art form in the late '70s and '80s, a trend that's changing of late as young poets pick up the torch," says Barbour, who's been with the U of A since 1969. "There are a number of young performers on this CD that we're really excited about: Christian Bök, Paul Sullivan, Verbomotorhead. Clearly they've learned from earlier practitioners but they are doing their own stuff."

Work on the CD borders on and even overlaps other performance-based genres—song, rap, dub, slam, techno—and was carefully chosen and compiled to allow for a seamless listening experience, says Barbour. The CD can be enjoyed both as a collection of literary work or played as you would any piece of enjoyable background



Barbour: sound poetry can also be a lot of fun.

music. "We wanted to make it fun for a listener to follow the poems all the way through."

It is also appropriate that Barbour, a long-time University of Alberta creative writing instructor, should be creating an aural document of a slice of Canadian poetic history, particularly given the school's impressive literary tradition.

"Eli Mandel taught here, Margaret Atwood taught part-time here, as did Dorothy Livesay and Elizabeth Brewster," he says, adding he and fellow poet Bert Almon are proud to be members of "a strong creative writing department, expanded under the leadership of Rudy Wiebe, the most important figure here at the U of A."

# Killam winner is poetry in motion

## Prolific professor is awarded honor

By Phoebe Dey

Catching the lighter side of poetry is something Dr. Bert Almon does well. After all, how many writers can say they've penned a Valentine's Day poem about buying beef? This recent Killam Professorship winner can.

One Feb. 14, Almon, his wife and son were travelling to central Alberta to pick up a side of beef from his brother-in-law's ranch, when his son wryly commented how romantic the occasion was. Rather than toss the moment away, Almon recorded the event in verse.

"It was the strangest love poem I've written," he said. "But it was something that appeared to be humorous and romantic at the same time."

Mixing genres through poetry is an art the native Texan has mastered. He has always had a love for words but found his voice during grad school at the University of New Mexico during the late 1960s. He was tired of studying and writing about other people's poems, so he started creating his own. Once he earned his PhD, and conquered describing the southern landscape, he headed north.

"I applied for a number of jobs at [the Universities of] Calgary, Lethbridge and Alberta and could see this as a senior institution," he said. "I thought I would be here for two or three years and ended up staying for 31."

During that time he has covered a range of topics, turning the often mundane into the extraordinary. Titles such as "Albert, the Perfect Waiter," "Driving to

the Hot Springs" and "On Hearing Freshmen Compositions Read Aloud" illustrate his talent to capture life on the page. Almon lives by the saying "God dwells in details," and it is evident in his work.

A prolific writer, Almon has had eight collections of poetry published—one of which won the Writers' Guild of Alberta award—and his work has appeared in many literary magazines around the world. Almon is also a founding member of "The Edmonton Stroll of Poets," and is

an original member of the Writers' Guild of Alberta.

But along with his own accomplishments comes pride in the teachings he has instilled to his students.

"A lot of my students get into writing in their first-year English courses where they are reading poetry, and they think 'I can do the same,'" he

said. "They recruit themselves. And although we call the courses 'creative writing,' I don't teach people to be creative but teach people to be serious about their writing. They should realize poetry touches on matters of great importance and has an intellectual reach."

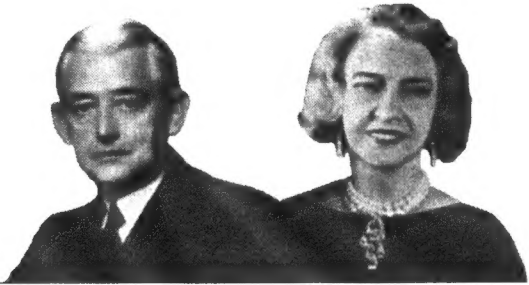
Although he has been a mentor to many grad students, he discourages his protégés from writing like him but instead urges them to find their own style.

Long ago, he traded his pen for a computer, which has become his first resource for research.

And when the man from El Paso, Tx. (Janis Joplin was a classmate but he doesn't remember her) needs a critic, he

doesn't have to look far. His wife Olga Costopoulos is a poet and sessional instructor at the university and is his first reader and reviewer. A daughter from his first marriage is also making her name as a scribe in the United States.

When the family isn't talking shop, they indulge in two other favorite arts: classical music and cooking. Greek, Mexican and French food are popular cuisine in the Almon household—but he also can't ignore good old-fashioned Alberta beef. ■



Almon: always has a notebook on hand in case inspiration strikes.



# Campus super-hero

## Burden conquers world

By Dan Carle

Many children start with a hop, skip and a jump on the road to motor coordination and the unearthing of possible athletic skill.

Nancy Matheson-Burden has added a run, bike, swim, and ski in her year-round pursuit of the highest possible display of athletic skill – this from a 38-year-old, oft-injured frame which looks to weigh 105 pounds but obviously houses some kind of drive.

An athlete whose interests are as diverse as her injuries, Matheson-Burden picked up triathlons, of all things, two years ago. She won a silver medal in the amateur division of the World Triathlon Championships in Switzerland in 1997, then followed up with a gold at the same event, held in Montreal this past summer. She swam 1500m, rode a bike for 40km and ran 10km in a time of 2:07.

Two years, two world championships, two medals.

"When I came into the home stretch in Montreal somebody tossed me a Canadian flag, and someone behind said 'She's in first' and that sort of gave me a lump in my throat," said Matheson-Burden, a physiotherapist at the Glen Sather Sports Medicine Clinic when not setting new athletic standards. "It was the best triathlon I've ever done."

Her accomplishments are evermore astounding considering she fractured her

spine due to a torrid running schedule, which meant no running for five years.

"Too much mileage—that was where I really tasted a cold turkey situation in my training," she said. "It was a learning experience. But it has made it easier to deal with other injuries and it's made me train better."

Matheson-Burden's training is not just on pavement. Hers is also of the mind, where she earned a physical education degree and physiotherapy designation at the University of Alberta between 1979-1983 and 1984-1988. She works part-time at the Sather clinic, maintains a private consulting practice, and will lay low from competitive athletics for what seems like only a 20 second time-out before preparing to get racing in the snow.

As if world-class triathlete and experienced practitioner are not enough, Matheson-Burden is also a cross-country ski racer, competing from November until early April.

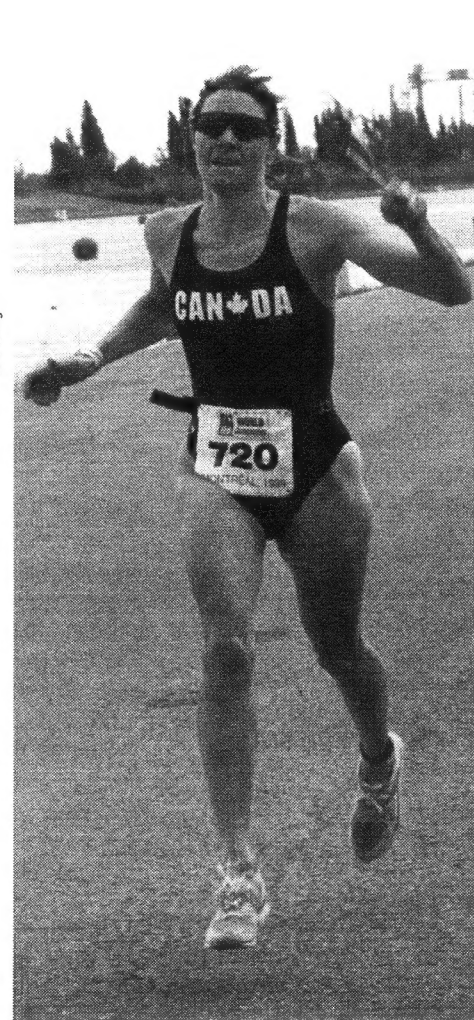
"When I came into the home stretch in Montreal somebody tossed me a Canadian flag, and someone behind said 'She's in first' and that sort of gave me a lump in my throat."

—Nancy Matheson-Burden

"Sports is a passion and it's a passion we share," said Matheson-Burden of herself and husband Bob Burden, an athlete in his own right (mountain biking, primarily), and sessional instructor in business and rural economy. "He's a lifer as well. We both love sports. My idea of a good time is going mountain biking. I just like to move. I always have." ■



Matheson-Burden at rest, and crossing the line at the World Triathlon Championships.



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## Oy, vey! How to run a university and other Jewish stories

By Alan Rutkowski

What does a retired professor of plant physiology do in his leisure time? He gardens, of course. Retired plant physiology professor Dr. Saul Zalik has divided his leisure time nicely between gardening and committing his ironic take on Jewish life and the foibles of university administration to paper in *Free Trade and the Alberta Shofar Corporation*.

A shofar is a ram's horn blown in the synagogue during the High Holidays. The protagonist of Zalik's novella, Perry Whistler (formerly Yankel Pfeifer), dreams of using marginal agricultural land in the foothills of Alberta to raise rams for their horns, which could eventually be exported to Israel. Not surprisingly, the Alberta government endorses the plan. Although questions are raised about whether the shofars would be kosher, an ultra-Orthodox rabbi in Israel expresses an interest in ordering thousands for strictly sectarian purposes.

With free trade and economic diversification, business opportunities can be found everywhere. Perry Whistler's business acumen also gives him an insight into the real strength of the University of Alberta—its unique proliferation of administrators. One of the underlying principles of this strength is that a president should always appoint two or more vice-presidents at a time, so they will compete with each other and not with him.

"The vice-presidents for Academics, for Finance, for International Development, for Research, for Student Affairs and for University Development, along with all the associate vice-presidents under them, must be regarded as truly historic; the university has built an administrative core that is as solid as an igloo in the Arctic."

From an endless cycle of guests of honor for an endless cycle of fund-raising dinners to the screwball business scheme,

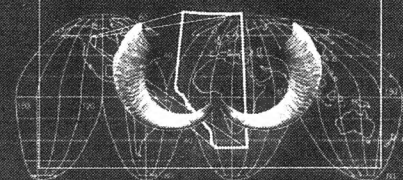
Zalik's targets are specifically Jewish, but they will likely be familiar to anyone who has ever been involved in ethnic community affairs. As for his amusing critique of the university administration, let's just say "...it makes sense."

We usually associate Jewish humor that relies on the nuances of Yiddish expressions with New York or Montreal. Saul Zalik grew up Jewish on a farm in Saskatchewan and his humor is Jewish with a distinctly prairie cadence. Recognizing Edmonton is far from a centre of Jewish culture, Zalik wisely provides a glossary of Yiddish and Hebrew terms that pepper his novella.

A good gauge of a satire's effectiveness is how many people you can think of who should be forced to buy and read it. I can think of lots. ■

Alan Rutkowski is a retired U of A librarian and freelance writer in Edmonton.

## FREE TRADE AND THE ALBERTA SHOFAR CORPORATION



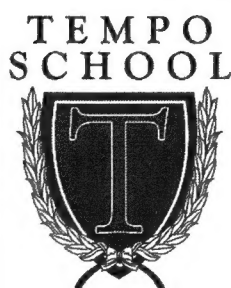
SAUL ZALIK

Free Trade and the Alberta Shofar Corporation: Jewish life and the foibles of university administration.

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# Class of '49 comes through for class of tomorrow

**Reunion results in scholarship for food and nutrition**

By Geoff McMaster



Members of the household economics class of '49 celebrated their 50<sup>th</sup> anniversary at the chancellor's reception at the Hotel Macdonald earlier this month.

Sheila McLaggan was dumbfounded when her husband's class of '47 anniversary passed with barely a whimper in 1977. She couldn't believe more effort wasn't made to organize a proper reunion for the post-war graduates of civil engineering.

"No one did anything, so I said, 'That isn't going to happen to us,'" says McLaggan. She got a list of her household economics class of '49 from the university, but many of the addresses were out of date. So she started digging through telephone directories in the public library and managed to fill in most of the blanks. Her diligence paid off —almost the entire class showed up to their 40<sup>th</sup> reunion.

It helped, of course, that the class had already held one reunion for their 25<sup>th</sup> anniversary. McLaggan had also kept in touch with many of her classmates, even going so far as to produce a newsletter. "She's really the person who kept us together over the years," says Peggy Matheson. "She's written annual letters and has really made a point of keeping in touch with everyone."

Determined to mark their 50<sup>th</sup> anniversary with an important gesture, Dr. Mary Morrison suggested raising funds for a scholarship. The \$10,000 required to set

one up in their name seemed like a daunting goal, says McLaggan, who once again brought the class together with the help of Matheson, Morrison and U of A Professor Emeritus Dr. Betty Donald. By the time they met at October's reunion weekend, however, the class had collectively raised more than \$13,000.

"To give something back to the university is a very valuable thing," says Matheson. "Thirteen thousand dollars may not sound like much, but for us it was a really big deal to have our own scholarship instead of topping up another one."

The endowment will provide \$500 for an undergraduate student in food and nutrition sometime this fall. The class of '49 hope to raise an additional \$2,000 over the next year and a total of \$20,000 within the next three years, says McLaggan. "Then we'll have a \$1,000 scholarship, which makes a lot more sense when you consider what it costs to go to university these days."

In the meantime, McLaggan says she's still pinching herself over the success of the fundraising drive. "I was the non-believer in the group, because I said we would never raise \$10,000. It's just been overwhelming ... So I've become a believer." ■

## REVIEW OF THE VICE-PRESIDENT (ACADEMIC) AND PROVOST: INPUT FROM THE COMMUNITY

Dr. Doug Owram's first term as Vice-President (Academic) and Provost will end on June 30, 2000. Dr. Owram has indicated that he intends to seek a second term of office and, thus, a Review Committee has been established in accordance with University regulations.

The Review Committee believes it is essential that members of the University community have the opportunity to convey their views to the Committee. Individuals are welcome to express their view on priorities of the Vice-President (Academic) and Provost; current issues; leadership; and the future direction of the Office of Vice-President

(Academic) and Provost. In order to facilitate the Committee's work, kindly send your comments and/or suggestions by **Monday, November 15, 1999** to any member of the Review Committee or to:

Ellen Schoeck,  
Secretary to the Review Committee  
for Vice-President (Academic) and Provost  
2-5 University Hall  
University of Alberta, T6G 2J9  
Telephone Number: (780) 492-5430  
E-Mail address: [ellen.schoeck@ualberta.ca](mailto:ellen.schoeck@ualberta.ca)  
Confidential Fax Number: (780) 492-2693

### The members of the Review Committee are:

Rod Fraser, President .....	<a href="mailto:president@ualberta.ca">president@ualberta.ca</a>
Ross Grieve, Board Member .....	<a href="mailto:ragrieve@pcl.ca">ragrieve@pcl.ca</a>
Lloyd Malin, Board Member .....	<a href="mailto:lloyd.malin@frasermilner.com">lloyd.malin@frasermilner.com</a>
Terry Anderson, Acad Staff Rep .....	<a href="mailto:terry.anderson@ualberta.ca">terry.anderson@ualberta.ca</a>
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Lily Cho, GSA Rep .....	<a href="mailto:lcho@ualberta.ca">lcho@ualberta.ca</a>
Cliff Wilkinson, NASA Rep .....	<a href="mailto:clifford.wilkinson@ualberta.ca">clifford.wilkinson@ualberta.ca</a>

## MCCALLA PROFESSORSHIPS: SMALL FACULTIES COMMITTEE

Applications are invited from continuing faculty from the Faculties of Extension, Law, Nursing, Pharmacy and Pharmaceutical Sciences, Physical Education and Recreation, Rehabilitation Medicine, Faculté Saint-Jean, School of Native Studies, or Interdisciplinary Research Units.

These prestigious awards provide full-time teaching relief for the period September to April to enable recipients to pursue a research project in Edmonton. Application information is available from Dean's Offices.

Applications must be received by the Associate Vice-President (Academic) by December 1, 1999.

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**Thursday, November 18**

**11 a.m. - 6 p.m.**

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# talks

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 to publication. Fax 492-2997 or e-mail at  
 public.affairs@ualberta.ca.

## CANADIAN INSTITUTE OF UKRAINIAN STUDIES

November 4, 3:30 pm

Dr. Natalia Pylypiuk, U of A, "Vasyl Stus and the  
 Great Narcissus." CIUS Library, 352 Athabasca Hall.

## CENTRE FOR HEALTH PROMOTION STUDIES

November 2, 4:30 - 5:30 pm

Dr. Deanna Williamson, "The Role of the Health  
 Sector in Addressing Poverty." TBW-2 (Tory Breeze-  
 way).

## DEPARTMENT OF BIOCHEMISTRY

November 12, 10:00 am

Dr. Maki Tsujita, Nagoya University, Japan,  
 "Apolipoprotein-Mediated Cellular Cholesterol/Phos-  
 pholipid Efflux is a Major Source of Plasma High Den-  
 sity Lipoprotein in Mice." Classroom D (2F1.04 WMC).

## DEPARTMENT OF BIOLOGICAL SCIENCES

October 29, 2:30 pm (refreshments 2:15)

David Schindler, "Loss of Biodiversity and the  
 Functioning of Ecosystems: Examples from Experi-  
 ments in Boreal Lakes." Room V-121 Physics Wing.

November 4, 3:45 pm

Luisiana Korinus, "Agroforestry, Pest Manage-  
 ment and Biodiversity of Spiders in Cacao Plantations  
 in Southeast Sulawesi, Indonesia." TBW-1 (Tory  
 Breezeway).

## Plant Biology (part of the Botany 600 seminar series)

November 5, 10:00 am

Dennis Reinecke, "Hormonal regulation of fruit  
 development." Room M-141 Biological Sciences  
 Building.

## Molecular Biology and Genetics Research Group (part of the Genetics 605 seminar series)

November 5, 3:30 p.m.

Richard Roy, "Developmental control of cell divi-  
 sion in *C. elegans*." Room M-149 Biological Sciences  
 Building.

November 12, 3:30 p.m.

Chiayeng Wang, "Role of chromosomal  
 rearrangements in cancer development." Room M-  
 149 Biological Sciences Building.

## Ecology Seminar Series (part of the Biology 631 seminar series)

October 29, 12:00 noon

Andrew McAdam, "Dietary protein constraints  
 on the maturation of female deer mice." Room M-137  
 Biological Sciences Building. Replaces Jordan  
 Degroot's seminar.

November 5, 12:00 noon

Jeff Hoyt, "Are Black-backed and Three-toed  
 woodpeckers burn-dependent in the boreal forest of  
 Alberta?" (M.Sc. Thesis Seminar) Room M-137 Biologi-  
 cal Sciences Building.

November 12, 12:00 noon

Cristina Mourelle, "Light transmission by trees at  
 forest edges: an analysis of architectural characteris-  
 tics." Room M-137 Biological Sciences Building.

November 19, 12:00 noon

Andrew Hansen, "Influence of abiotic factors and  
 land use on bird populations in Greater Yellowstone."  
 Room M-137 Biological Sciences Building

## Physiology, Cell and Developmental Biology Research Group (part of the Biology 642 seminar series)

November 3, 12:00 noon

Bob St. Clair, "Sex differences in metabolism be-  
 fore and after hatching in box turtles – the physi-  
 ological consequences of temperature-dependent  
 sex determination." Room B-105 Biological Sciences  
 Building.

November 10, 12:00 noon

Tim Kieffer, "Possible role of the fat hormone  
 leptin in the pathogenesis of obesity and diabetes."  
 Room B-105 Biological Sciences Building.

## DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

November 4, 3:30 pm

Jeff Sheremata, "Molecular Modeling of Heavy Oil."  
 343 Chemical and Materials Engineering Building.

## DEPARTMENT OF COMPUTING SCIENCE

November 8, 3:30 pm

Eric Grimson, Professor, MIT, "Real-world applica-  
 tions of computer vision: Computer assisted neuro-  
 surgery and real-time activity monitoring." Room  
 112, V-Wing.

## DEPARTMENT OF ECONOMICS

November 5, 3:00 pm

Richard Baillie, Michigan State University, "Mini-  
 mum Distance Estimation of GARCH models and time  
 series models." Tory 8-22.

## DEPARTMENT OF ENGLISH

October 29, 3:00 pm

Upcoming reading: Guy Vanderhaeghe. L-3 Hu-  
 manities Centre.

November 4, 12:30 pm

Tom Wayman, Kwantlen University College and  
 Douglas College in Vancouver, most recently head of  
 Kootenay School of the Arts, has published 14 collec-  
 tions of his poems. He is interested in people writing  
 about their own workplace experiences and how it  
 affects their lives. All welcome. L-3 Humanities.

## DEPARTMENT OF HISTORY AND CLASSICS

October 29, 3:30 pm

Allan Greer, U of T, "Natives and Nationalism:  
 Kateri Tekakwitha Becomes an American Saint." L.H.  
 Thomas Room, Tory 2-58.

November 18, 3:30 pm

Chris Mackay, "The electoral organization of the  
 Roman People under the Early Empire." L.H. Thomas  
 Room, Tory 2-58.

## DEPARTMENT OF HUMAN ECOLOGY

November 4

Seminar: Dr. Brenda Munro, Assoc. Prof. in  
 Human Ecology and Dr. Maryanne Doherty-Poirier,  
 Assoc. Dean of Education, "The Trials and Tribulations

# events

## BOOK LAUNCH

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November 3, 4:00 - 6:00 pm

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Agnieszka Matejko, "Reflections - Sculpture and  
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 and Dr. Claude Ryan. Cost: \$125/ticket (including a  
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 will be used to endow the Louis Desrochers Profes-  
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 For information: Nathalie Lachance 465-8706 or  
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## GENERAL LEADERSHIP AND MANAGE- MENT PROGRAMS

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DEPARTMENT OF MEDICAL GENETICS

November 3, 12:00 – 1:00 pm  
Medical Genetics Rounds: ASHG reports, Reports from research staff/students and from clinical/diagnostics staff. Room 2-07 HMSC.  
November 10, 12:00 – 1:00 pm  
Medical Genetics Rounds: Dr. Roy Gravel, University of Calgary, TBA. Room 2-07 HMSC.

DEPARTMENT OF MODERN LANGUAGES AND CULTURAL STUDIES

November 3, 3:30 pm  
Serhii Plokhyy, Mikhail Dmitriev, "Religious Violence in Orthodox and Latin Europe in Middle Ages and Early Modern Period." Tory 2-52.  
November 17, 3:00 pm  
Mikhail Dmitriev, Moscow Lomonosov University, "Saints and Sainthood in Russia and the West." Room 3-26 Arts (Senate Chamber).

DEPARTMENT OF PHILOSOPHY

October 29, 3:30 pm  
Colloquium: Greg Kennedy, "Environmental Aesthetics and Nature Appreciation: Have we Murdered to Dissect?" Room 4-29 Humanities.  
November 1, 3:30 pm  
Colloquium: Steve Fuller, Warwick University, "Who's Afraid of the Sociology of Philosophy? What to Make of Randall Collin's 'The Sociology of Philosophy.'" Lecture Theatre 4, Humanities.  
November 5, 3:30 pm  
Colloquium: Nick Smith, Lewis and Clark University, "Incurable Souls and Socratic Psychology." Room 4-29 Humanities.

DEPARTMENT OF PHYSICS

October 29, 3:15 pm  
Colloquium: Dr. J.P. Harrison, Queen's University, "Normal and Superfluid <sup>3</sup>He – The Analogies with Metals and Superconductors." Room V-129.  
November 5, 3:00 pm  
Colloquium: Dr. Afflecks, UBC, "Quantum Magnetism." Room P-126. Co-sponsored by Canadian Undergraduate Physics Conference (CUPC).

DEPARTMENT OF PHYSIOLOGY

October 29, 3:30 pm  
Dr. Evangelos Michelakis, Division of Cardiology, "Potassium Channels and the Thin Air of Mount Olympus." Room 207 HMRC.

DEPARTMENT OF POLITICAL SCIENCE

October 29, 2:30 pm  
Political Science Speakers Series: Vincent Della Sala, "Governance of Politics without a Centre." Tory 10-4.  
November 5, 2:00 pm  
Political Science Speakers Series: David Malone, "The UN Security Council in the 1990s: Boom and Bust?" Tory 10-4.

DEPARTMENT OF PUBLIC HEALTH SCIENCES

November 3, 12:00 – 1:00 pm  
Dr. Chris Le, "Environmental Health Sciences." Classroom D (2F1.04 WMC).

DEPARTMENT OF RENEWABLE RESOURCES

November 18, 12:30 – 1:50 pm  
Dr. Dan Heaney, Dr. Mohamed Amrani, Mr. Ralph Wright, Dr. Vanessa Bailey, "Phosphorus Loading and Associated Mobility with Livestock Manure Application." Room 2-36 Earth Sciences Building.

ENVIRONMENTAL RESEARCH AND STUDIES CENTRE

November 4, 4:30 pm  
Dr. Dale Vitt, "Permafrost in the Boreal Forest: An Important Case Study in Climatic Change." Alumni Room, SUB.

FACULTY OF EDUCATION, CENTRE FOR RESEARCH ON LITERACY

November 5, 3:00 pm  
Dr. Harvey Krahn, "Use of Literacy Skills in the Workplace." Room 651a Education South.

PERINATAL CLINICAL RESEARCH

November 2, 12:00 – 1:00 p.m.  
Seminar: Bonnie Stevens, RN, PhD, Assoc. Prof., Faculties of Nursing and Pharmacology, UofA, "Pain Assessment Methods in Neonates." Place: B762 Women's Centre, Royal Alexandra Hospital. Light Lunch Provided

TEACHING SUPPORT & RESOURCE OFFICE, FACULTY OF NURSING

November 12, 12:00 – 1:00 pm  
Teaching Matters Series: Olive Yonge, Faculty of Nursing, "Plagiarism & Cheating: Boundary Crossing." 6-102 Clinical Sciences.

UNIVERSITY TEACHING SERVICES

November 1, 3:00 – 4:30 pm  
Tarah Wright, Educational Policy Studies, "Teaching Green: How to Bring the Environment into any Classroom." CAB 281.  
November 2, 3:30 – 5:00 pm  
Brian Nielsen, Physical Education and Recreation, "Issues and Techniques for Marking Assignments and Papers." CAB 281.  
November 3, 4:00 – 6:00 pm  
Colin Geissler, Academic Technologies for Learning, "WebCT Workshop II: Conferencing and Course Materials." Technology Training Centre, B-05C (Cameron). Audience: Enrollment limited.  
November 8, 3:00 – 4:30 pm  
Laura Shanner, Public Health Sciences/John Dossetor Health Ethics Centre, "Reflecting Your Teaching Style and Development in Your Teaching Dossier." CAB 281.  
November 9, 2:00 – 3:30 pm  
Katy Campbell, Academic Technologies for Learning, "Selecting and Evaluating Web Sites for Classroom Use." 2-111 Education North.  
November 10, 3:00 – 4:30 pm  
Graham Fishburne, Elementary Education, "Another Five Things to Remember When Planning to Teach, Part II." CAB 281.  
November 15, 3:00 – 4:30 pm  
Ross Hodgetts, Biological Sciences, "Ethical Issues in the Conduct of Science." CAB 281.  
November 16, 3:30 – 4:30 pm  
Jeanette Boman, Nursing, "Action Research: Becoming Critically Reflective." CAB 281.

Britten, Duport, Piatti, Sculthorpe. Admission: \$5/student/senior, \$10/adult. Convocation Hall, Arts Building.

November 14, 8:00 pm  
Master of Music Recital: Anita Ho, piano. Program TBA. Free admission.  
November 15, 12:00 pm  
Noon-Hour Organ Recital: Wendy Markowsky, University of Bloomington. Program TBA. Free admission.

STAFF ORIENTATION

HUMAN RESOURCE SERVICES

HRS has scheduled the next Support Staff Orientation for Trust and Operating employees. Date: Monday, November 1, 1:30-4:30 pm at Lister Hall. To register, contact Shantel MacKenzie at 4350 or email shantel.mackenzie@ualberta.ca.

THEATRE

JOHN DOSSETOR HEALTH ETHICS CENTRE

October 29 and 30, 8:00 pm  
Play: "A Child on Her Mind." Edmonton Art Gallery Theatre, 2 Sir Winston Churchill Square. Tickets: \$10/each, call TIX on the Square 420-1757.

STUDIO THEATRE

November 3 – 13, 8:00 pm  
David Hare's "The Secret Rapture." Box Office: 492-2495. Timms Centre for the Arts.  
November 4 – 13, 8:00 pm  
Sharon Pollock's "DOC." Box Office: 492-2495. Timms Centre for the Arts.

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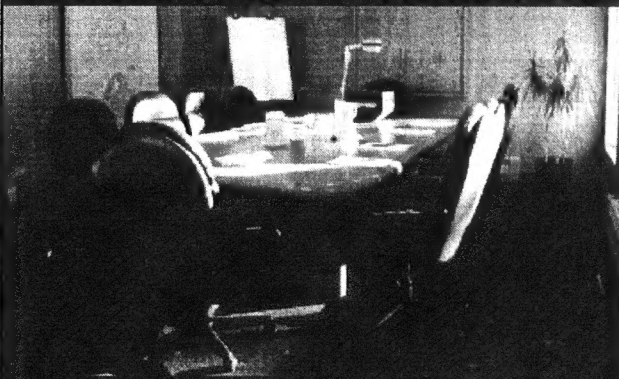
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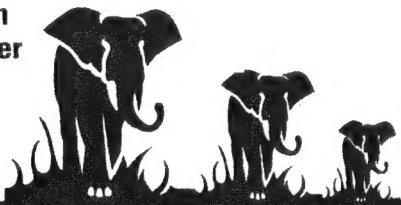
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# laurels

## ALBERTA ORDER OF EXCELLENCE

Dr. Shirley Stinson, professor emerita of nursing and health administration, is one of three Albertans who received the Alberta Order of Excellence, the province's highest honor. Stinson was recognized for "her visionary work in promoting research and advancing education in the field of nursing."

She is a teacher, administrator, researcher and consultant, whose contributions have changed the nursing field in Canada. Stinson was the first Alberta nurse to complete a doctoral program, and she holds two honorary degrees as well: a doctor of laws from the University of Calgary and a doctor of science from Memorial University.

Her distinguished contributions to higher education in nursing and nursing research have earned her many accolades, nationally and internationally, and though officially retired since 1993, she continues to share her ideas and experience with the greater community. Her current projects include prevention of heart attacks and strokes through implementing valid blood pressure assessment procedures and promoting the accumulation of artifacts and manuscripts of significance to the history of nursing.

The Order of Excellence was established in 1979 to recognize exceptional individuals who have contributed greatly to, or on behalf of, the residents of Alberta.

## CENTURY OF ACHIEVEMENT AWARDS

The University of Alberta picked up three out of 20 Century of Achievement Awards for 1999, given out by the Canadian Society for Chemical Engineers: Dr. George Govier, Dr. Jacob Masliyah and Eric P. Newell. The awards recognize people who have done "much to pioneer, sustain and expand advances made in the innovative and maturing realm of chemical engineering."

Govier was associated with the U of A in various positions including professor of chemical engineering, department head of chemical and petroleum engineering, and engineering dean. He served as Alberta's chief deputy energy and natural resources minister from 1975-77, was vice-president of the Petroleum Recovery Institute from 1976-79, and was a member of the National Research Council of Canada from 1980-82. Govier is currently on the boards of Canadian Montana Gas Company, Canadian Pipe Line Company and Altana Exploration Ltd. He was admitted to the Petroleum Hall of Fame in 1999.

Masliyah is a U of A professor of chemical engineering. In 1992 he received the Canadian Society for Chemical Engineering Award in industrial practice for distinguished contributions to the Canadian Industrial Sector. Masliyah became a Fellow of the Chemical Institute of Canada and received the Alberta Science and Technology Leadership Award in innovation and oil sands research. He is a Fellow of the Royal Society of Canada and a recipient of the Alberta Cup for teaching and research. Currently Masliyah holds the Natural

Sciences and Engineering Research Council (NSERC) Industrial Research Chair in oil sands.

Newell is chair of the U of A Board of Governors, and chair and CEO of Syncrude Canada. Since joining Syncrude, Newell has become a leading spokesperson for the Canadian oil sands industry. Prior to Syncrude, he worked for Imperial Oil Ltd./Esso Petroleum Canada. He joined the company in the process computer control division in 1969, served as operations manager, then refinery manager in Vancouver. He holds a master's of science in management studies and a B.Sc. in chemical engineering. In 1995 he received an honorary doctor of laws from Athabasca University and was elected a Fellow of the Canadian Academy of Engineering.

## GLOBAL ACCOLADES FOR ENGINEERING PROF

University Professor Emeritus Norbert Morgenstern, of civil engineering, is the first Canadian to receive a Foreign Fellowship from the Indian National Academy of Engineering. He was conferred the fellowship last month, in recognition of his contributions to Indian engineering.

Morgenstern was also elected an international honorary member of the Japanese Geotechnical Society in recognition of his contributions to the development of the society, and to the International Society for Soil Mechanics and Geotechnical Engineering.

## R.U. LEMIEUX AWARD

Chemistry professor Dr. David Bundle is the recipient of the R. U. Lemieux Award for 2000, given by the Canadian Society for Chemistry. The award recognizes an organic chemist who has made a distinguished contribution to any area of organic chemistry while working in Canada. The award includes a \$1,000 prize and travel expenses to attend a conference. Bundle will receive the award during the 83rd Canadian Society of Chemistry Conference taking place in Calgary in May 2000.

## SYNERGY TIMES TWO

The University of Alberta and its partners landed two Synergy Awards for university-industry research and development partnerships.

The university was recognized for its pioneering partnership with Alberta-Pacific Forest Industries Inc. that resulted in the development of a more natural forestry management model.

In addition, a U of A partnership with Syncrude Canada Ltd. was recognized for the exemplary collaboration in the development of oil sands processes and technology.

The Synergy Awards are sponsored by the Natural Sciences and Engineering Research Council (NSERC) and the Conference Board of Canada, who provide \$10,000 research grants and sculptures.

The 1999 award-winning partnerships, six in all, were selected from more than 44 entries from across Canada.

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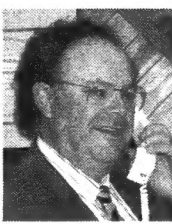
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## Dr. Mark Bisby

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**Monday, November 15<sup>th</sup>, 1999**  
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**Classroom F (2J4.02 WMC)**

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## U of A Accommodation Guide

These facilities have contracted with the University of Alberta to provide accommodations at the rates indicated. Each facility has unique features and offers something to suit everyone's taste. To accommodate special guests to the University, reservations can be made using the Hotel Authorization Program (HAP) form which allows post-payment by the hosting department.

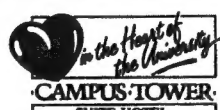
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## NOMINATIONS FOR ACADEMIC STAFF TO SERVE ON THE BOARD OF GOVERNORS

Two academic staff representatives serve on the Board of Governors on nomination by General Faculties Council. There is currently a vacancy on the Board of Governors for one academic staff representative. This position was held by Dr. Franco Pasutto, Dean, Faculty of Pharmacy and Pharmaceutical Sciences. The other academic representative on the Board is Dr. Walter Allegretto, Department of Mathematical Sciences. An election will now take place to fill the vacancy on the Board of Governors.

The procedures which govern this election are contained in Section 22 of the GFC Policy Manual and are available from the University Secretariat, 2-5 University Hall, and on the World Wide Web ([www.ualberta.ca/~unisecr/](http://www.ualberta.ca/~unisecr/)). These regulations provide that "the two academic staff members who serve on the Board of Governors must come from Category A1.0, at least one of whom shall be a member of Category A1.1 who does not hold one of the following administrative positions at the time of the initial nomination: Vice-President, Associate or Assistant Vice-President, Dean, Director of Native Studies, Associate or Assistant Dean, or Department Chair. Nominees must be employed in Category A1.0 throughout the term of appointment to

the Board and, in addition, must be willing and able to serve for the full term of appointment on a continuous basis. A full term on the Board is normally three years. If there is a question about a candidate's eligibility, the GFC Executive will decide." Since Dr. Allegretto does not hold an administrative position, the vacancy to be filled is open to any member of Category A1.0.

The Nomination Procedures are as follows:

1. Nominations may be submitted in writing to Ellen Schoeck, Secretary to GFC, 2-5 University Hall.
2. Nominations must be RECEIVED in the University Secretariat no later than 4:30pm on Friday, November 26, 1999.
3. Nominations must be supported by the signatures of five full-time or part-time continuing academic staff (other than the nominee).
4. Nominees must be willing to serve and normally serve a three-year term on both the Board and General Faculties Council.
5. A biographical sketch of the nominee should accompany the letter of nomination.

Any questions about these procedures should be directed to Ellen Schoeck at 492-5430 or on e-mail ([ellen.schoeck@ualberta.ca](mailto:ellen.schoeck@ualberta.ca)). ■



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**COUNTRY CLUB AREA** – executive four bedroom, two storey on Wilkin Road. Large family room with fireplace. Fully finished basement. December 1, \$1,800/month. Call Janet Jenner-Fraser for details, Gordon W.R. King and Assoc. R.E., 441-6441.

**GLENORA** – bright remodelled bungalow with huge open plan kitchen. Formal livingroom and diningroom, \$1,600/month, December 1, 1999. Call Janet Jenner-Fraser, 441-6441.

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**SABBATICAL RENTAL** – Old Strathcona, near University, two bedrooms, new kitchen, suite downstairs, \$1,050 plus utilities. Beginning December, 13 month lease, 433-7896.

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## MISCELLANEOUS

**CANTEL/OVERTON FELLOWSHIP** in Palliative Care Medicine. In conjunction with the Alberta Cancer Board a one year Fellowship is being offered by the Division of Palliative Care Medicine in the Department of Oncology at the University of Alberta. The Fellow will receive clinical training on a specialist palliative care unit as a consultant in the home, hospice, acute care hospital and cancer centre, and in outpatient clinic settings. The Fellow will also develop research skills through direct involvement in the various phases of clinical research studies. Accreditation as a residency program is being sought from the Royal College of Physicians and Surgeons of Canada and the College of Family Physicians of Canada. For more information, contact Dr. Sharon Watanabe, Grey Nuns Community Hospital and Health Centre, Station 43, 1100 Youville Drive West, Edmonton, Alberta, Canada, T6L 5X8, Fax: (780) 450-7700.

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# notices

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## CALLING ALL CANUCKS: WE NEED YOUR OLD SKATES!

Campus Recreation is asking anyone who has an old pair of unwanted skates at home to donate them to the Great Campus Recreation Skate Giveaway, a special program to give international students a chance to skate. International students will be instructed by qualified instructors during Campus Rec's recreation skating time. Free of charge, the international students will have the opportunity to try on skates and try skating, under careful instruction. They will be able to keep the skates while they are here.

The great giveaway and instruction will be held Friday, Nov. 5, 11:00 a.m. to noon, in dressing rooms five and six in the Clare Drake Arena. If you have skates you'd like to donate, please bring them in – tagged with your name and contact phone/e-mail – by Nov. 3 to the equipment room (in the lower hallway of the Van Vliet Centre). Your contribution will be acknowledged publicly. Info: 492-2555.

## RETIREMENT DINNER FOR PAT BATES

Dr. Art Quinney, dean, Faculty of Physical Education and Recreation, invites you to join him in recognizing the many contributions of Pat Bates by honoring her at her retirement dinner, at the Old Timers' Cabin, 9430 Scona Road, Edmonton. Monday, Nov.15, 6:00 p.m. to 10:00 p.m. Casual attire. Tickets: \$20/person. RSVP please to Rebecca Cahoon by Nov. 8 to 492-3364 or e-mail rcagoon@per.ualberta.ca. Please make cheques payable to the University of Alberta and forward to V1-34 Van Vliet Centre, U of A, Edmonton, AB, T6G 2H9. If you cannot attend but would like to send Pat Bates your best, please e-mail her at pat.bates@ualberta.ca or mail to E-401 Van Vliet Centre, U of A, Edmonton, AB, T6G 2H9.

## PUBLIC SERVICE BROADCASTING BEYOND 2000: SERVING THE PUBLIC IN A DIGITAL AGE—CALL FOR PAPERS

This conference, June 9-11, 2000 at the Banff Centre, Banff, Alberta, will bring together academics,

industry and government leaders from across Canada and around the world who are engaged in research on public service broadcasting during this critical period of declining budgets, audience fragmentation, convergence and digitalization.

The conference is organized by the Cultural Industries Research Centre, University of Alberta, in conjunction with the Banff Television Festival.

Papers may be written from any disciplinary perspective, and should address issues relating to public service broadcasting. If you are interested in presenting a paper or organizing a special session, please supply a brief abstract (300-500 words) to: Conference Coordinators, Cultural Industries Research Centre, Faculty of Business, University of Alberta, Edmonton, Alberta T6G 2R6 CANADA; E-mail: tvconfer@ualberta.ca, Telephone: (780) 492-4977

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## CIDA AWARD PROGRAMS FOR CANADIANS

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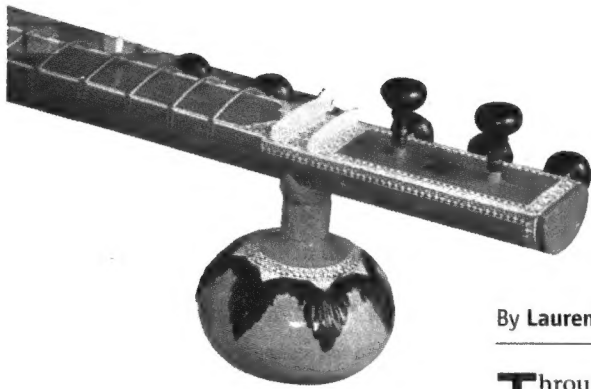
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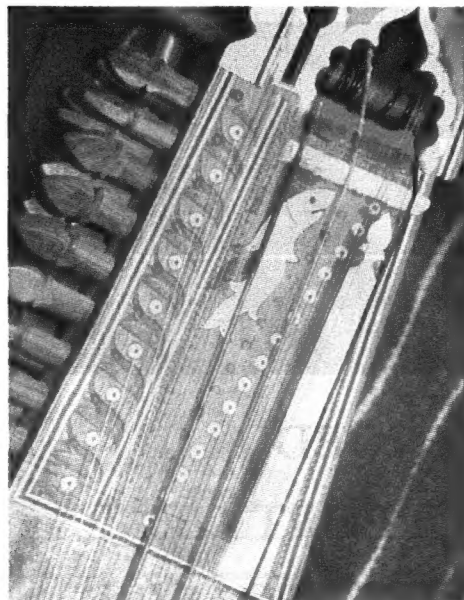


# The language of Indian music

By Lauren Podlubny



Prabhjot Singh tries out a little flute, or bansuri, playing. A harmonium is in the foreground.



Sarangi



Strumming on the sarangi is student Kerri Koster.

Through the power and beauty of performance music, the Centre for Ethnomusicology via director and instructor Dr. Regula Burckhardt Qureshi, is bringing the art of Indian music to U of A students.

This is the second year Qureshi is offering Music 410 *Indian Music Through Performance*, a course requiring students not only to learn the theory involved in Indian music, but also to learn to play either the sitar, tabla or Indian flute.

"The core of it all is India and Indian culture — it has such historical depth. Indian culture is something you can spend your life getting involved in," says Qureshi. Originally a cellist who was educated in Indian music by experts in India, Qureshi says the beauty of Indian music lies in its dual cultural and social roles.

"Learning music became a door into learning how people [feel] ... it goes into the areas of eliminating prejudices, differences and superiority. We can drop those when we can see other people have something to offer that we can enjoy."

The class is open to all interested students, and as a result the 17 registered students (double the number from

last year) are from a variety of specializations.

Fourth-year education student Angela Narayan was so thrilled with the course option that she is overloading her course load for the semester. Taking six classes is worth it, says Narayan.

"I am of Indian origin and I've always been attracted to Indian music and have always wanted to learn more about it," she says. "By taking this class I get to see how other people respond to Indian music: how much they love it and enjoy it."

Fourth-year anthropology student Jacob Cooper says he has always been interested in Indian music and hopes this course will provide him with the background and the confidence to explore Indian culture when he travels there. For Brianna Erban, the best part of the course is its atmosphere. "It's such a relaxed

class. Everyone is really supportive and Regula is an angel." Many students sing Qureshi's praises loudly. They credit her dedication to the subject, plus her encouragement to fully appreciate Indian culture, to the success of the course.

Adam Rachmielowski is a fifth-year math major who is learning to play the tabla, a pair of drums that "creates an underlying rhythm for everything else to go on top of," he explains. Rachmielowski says the best part of the course has been the "hands-on way we dive into the material. It seems that it is very open to everybody. We're all amateurs in this course so there's no feeling of being left behind."

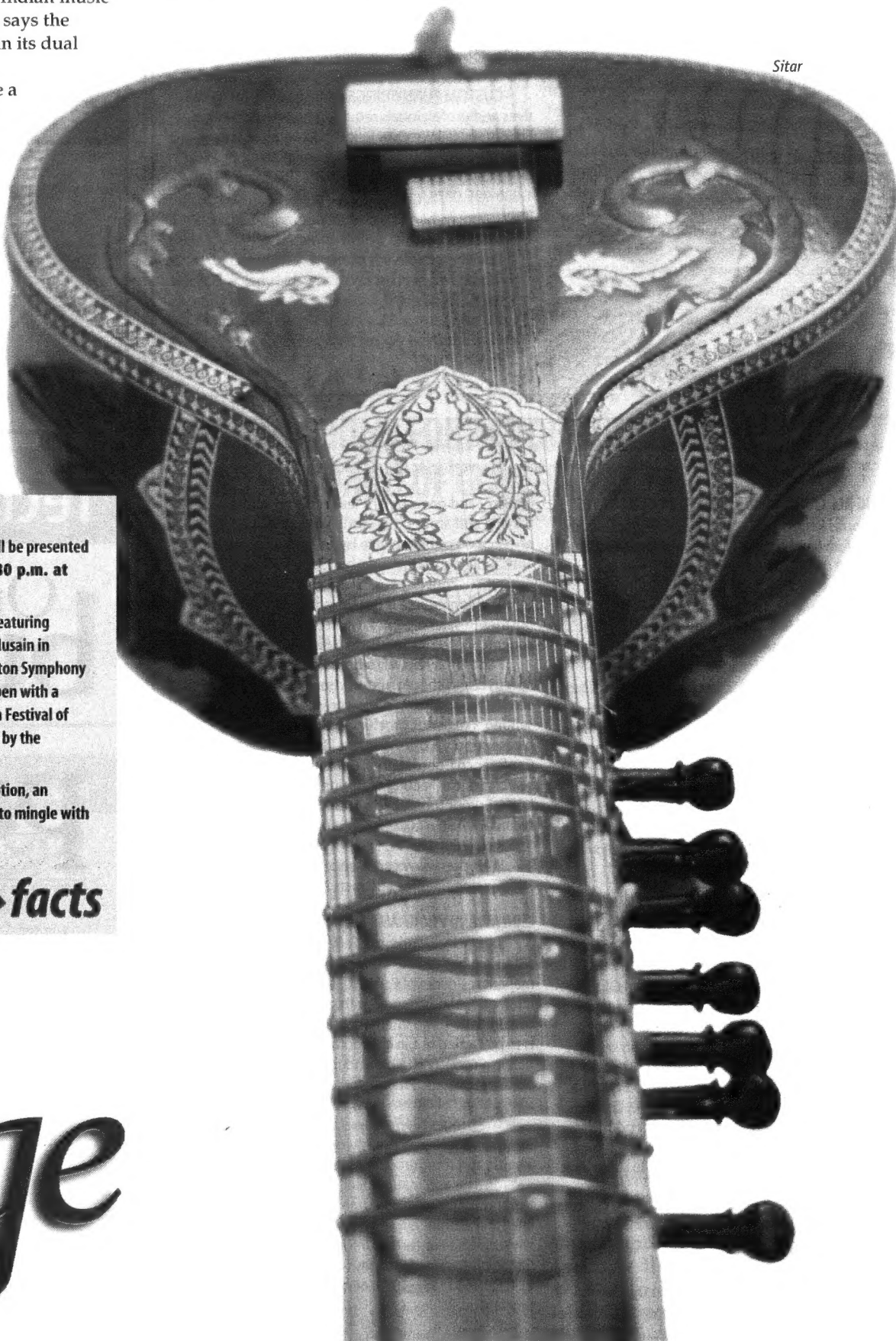
Qureshi views music as a language, one that can go past the written or spoken word and one that, in this world of globalization, connects people culturally. At the end of the day, Qureshi says her goal is for "students to connect with India... to have a tool for outreach they can use concretely." For Qureshi, that tool is music.

"In Indian music, nothing is written down. Everything is memorized. You are looking at the other players or at the audience; it's very social, it's very interactive—it's a conversation." ■

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—Dr. Regula Qureshi

Dr. Qureshi says her goal is for "students to connect with India... to have a tool for outreach they can use concretely."



Sitar

## A MUSICAL EXPERIENCE

- The power of Indian music will be presented in concert **Nov. 4, 1999, 7:30 p.m. at Convocation Hall.**
- Billed as *A Garland for Diwali* featuring premier sitar player Shujaat Husain in combination with the Edmonton Symphony Orchestra, the evening will open with a ritual inaugurating the Indian Festival of Lights (Diwali), to be followed by the concert.
- The gala will end with a reception, an opportunity for the audience to mingle with the performers.

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